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Lancaster Farming

VOL. 29 No. 10 | Six Sections | Lancaster Farming, Saturday, January 7, 1984 | $7.50 per Year

We'll be seeing you at Farm Show

Ag - the Keystone of the Keystone State

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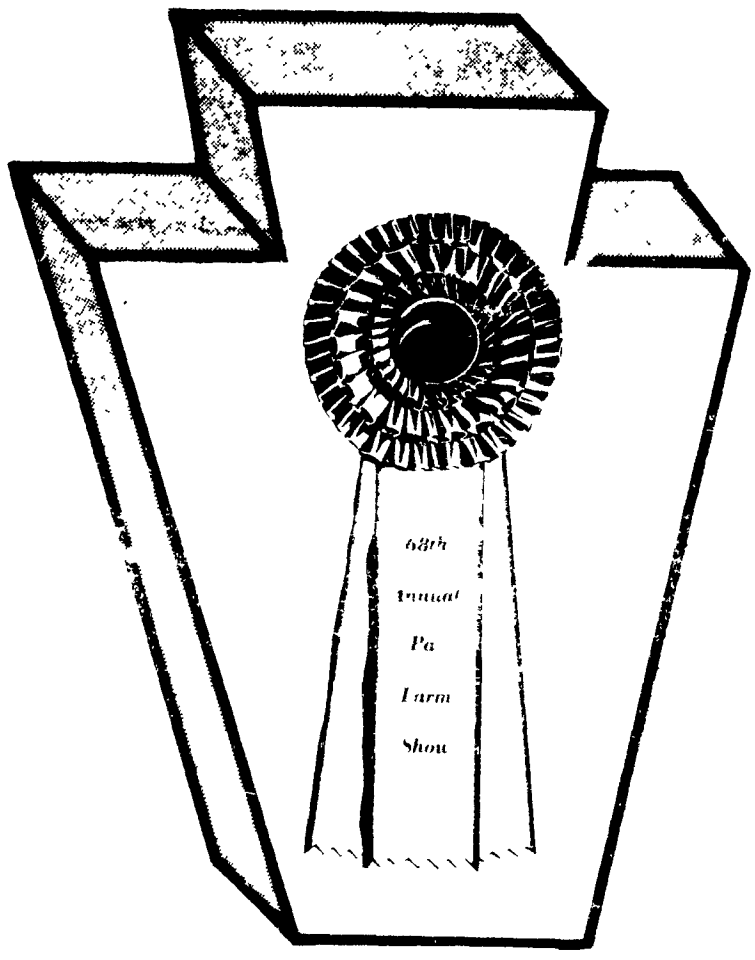

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6 days of competition, entertainment and meetings

HARRISBURG — For the next six days Pennsylvania agriculture will once again prove that it's the "Keystone" of the Keystone State.

And being the Number One Industry in the Commonwealth that claim of agriculture can't be disputed.

But if any visual confirmation is needed concerning the important role that agriculture plays in the Commonwealth, the 68th Annual Farm Show will dramatically provide it.

Even before arriving at the Farm Show Complex, the heavy flows of traffic will give the first indication.

Acres and acres of parked vehicles will provide further affirmation.

And once inside the Farm Show Complex, all doubts of the true scope of Pennsylvania agriculture and its annual extravaganza will surely be dispelled.

A record 300 commercial exhibitors will display their estimated $35 million in farming wares, which will range from the largest combine, tractor or harvester to the smallest seed on exhibit.

Since the live poultry exhibits have been cancelled by the Avian Influenza outbreak, more space for some 47 one-time exhibitors has been provided in the East Hall at this year's show.

But there will be plenty of livestock exhibits to view – more than 2,300 that will compete for upwards of $150,000 in premiums and trophies.

There will be 150 equine entries; 423 swine, with 200 in junior market competition; 624 sheep, with 125 in junior contests; 472 beef, with 101 juniors; 499 dairy cattle; and 125 dairy goats

Twenty-one Pennsylvania food firms will be located in the Marketplace with exhibits and samples of everything from soft pretzels and mushrooms to goat's milk and peanut brittle.

And when you really get hungry, the various commodity and church food booths will have their customary Farm Show cuisine, such as the popular milk shakes and baked potatoes.

After tiring of wandering through the commercial and livestock exhibits during the day, you can enjoy the special entertainment that is planned nightly in the Large Arena.

The entertainment opens tomorrow night with Farm Youth Benefit Night and a variety of musical talent that includes The

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Other Farm Show highlights in today's issue

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Pick up your free Lancaster Farming Farm Show Guide at Booth 274

Livestock market and auction news

Monday markets not covered by USDA & PDA due to holiday

Lancaster Market

Monday, Jan. 2
Report Supplied By USDA

	Cattle	Calves	Hogs	Sheep
Today	1272	108	1213	238
Last Monday	789	33	1445	227
Last Year	774	183	832	127
Monday's Auction	1287	131	1208	. 351
Last Monday's Auction	1019	49	1344	366

No market available due to holiday.

Vintage Auction

Tuesday, Jan. 3
Report supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	1051	828	3	4
Last Tuesday	1275	726	8	0
Last Year	967	896	14	6

CATTLE: Compared to last Tuesday slaughter steers 1.00-1.50 lower; slaughter heifers 1.00-2.00 lower; cows 1.00-3.00 lower, many fully 3.00 lower; bullocks steady; bulls steady. Supply included 31 percent slaughter steers, 4 percent slaughter heifers, 59 percent cows, and 6 percent bulls.

SLAUGHTER STEERS: Few high Choice and Prime 3-4 1175-1425 lb. 69.75-70.75; Good and Choice 1-2 1100-1450 lb. 68.85-70.25, five head 71.60-72.85; Choice 2-4 1025-1425 lb. 67.00-69.75; high Good and low Choice 2-3 1000-1375 lb. 64.00-67.75; Good 2-3 60.00-64.50; few Choice 1200-1450 lb. Holsteins 53.75-57.25, five head 58.00-63.00, Good 1150-1350 lb. 50.00-53.75.

SLAUGHTER HEIFERS: Few Choice 2-3 950-1125 lb. 59.50-63.50; Good 2-3 850-1050 lb. 55.00-58.00.

COWS: Breaking Utility and Commercial 2-4 35.00-39.50, few 40.00-41.00; Cutter and Boning Utility 1-3 33.00-36.75, few 37.00-38.50; Canner and low Cutter 30.00-33.50, several 27.00-30.00.

BULLOCKS: Choice 1100-1350 lb. 59.00-62.75, couple 63.00-64.25; Good 1000-1300 lb. 55.00-59.00.

BULLS: Few yield grade 1 1400-1800 lb. 52.75-53.35; few yield grade 2 1000-1500 lb. 46.00-50.25.

VEAL CALVES: Vealers mostly steady. Supply included 611 in graded sale of which 65 percent sold to return to farm.

VEALERS: Few Choice 150-245 lb. 94.00-104.00; high Good and low Choice 140-290 lb. 68.00-90.00, 110-140 lb. 50.00-75.00, 80-110 lb. 45.00-53.00, few 60-80 lb. 38.00-44.00.

SLAUGHTER CALVES: Few Choice 265-370 lb. 48.00-60.00; few Good 275-300 lb. 35.00-47.00.

RETURNED TO FARM: One lot 115 lb. Holstein heifers 62.00; 65 head 80-105 lb. 49.50-54.00. 40 head 120-125 lb. Holstein bulls 91.00-92.00; 165 head 100-115 lb. 101.00-105.00; 35 head 90-95 lb. 75.00-77.00; 80 head 100-115 lb. small frame 53.00-70.00; 15 head 110-115 lb. 83.00.

SHEEP: No market test.

GOATS: All goats sold by the head at 32.00-43.00.

Lancaster Auction

Wednesday, Jan. 4
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	327	33	439	0
Last Wednesday	336	12	776	10
Last Year	170	23	697	2
Wednesday's Auction	241	44	410	0
Last Wednesday's Auction	349	27	926	101

CATTLE: Insufficient volume to fully test trends, except 63 percent of the supply being cows selling 2.00-3.00 lower.

SLAUGHTER STEERS: Few head Choice 2-4 1170-1300 lb. 67.25-70.25; five head mainly Choice 2 1200-1350 lb. 71.00-72.75; few high Good and low Choice 2-3 1100-1300 lb. 64.00-66.00; Good 2-3 850-1100 lb. 58.00-62.00.

SLAUGHTER HEIFERS: Choice 2-3 1000-1175 lb. 59.25-62.00, couple 63.75-65.25; few Good 2-3 930-1240 lb. 53.00-56.00; several mostly Good 950-1200 lb. heiferettes 42.00-45.00.

COWS: Breaking Utility and Commercial 2-4 36.00-38.50, couple 38.50-41.50; Cutter and Boning Utility 1-3 34.75-36.25, couple 37.00-38.25; Canner and low Cutter 30.00-33.25, several 26.00-30.00.

BULLS: Couple yield grade 1 1400-1800 lb. 50.00-51.75; few yield grade 2 1050-1600 lb. 46.00-49.50.

VEAL CALVES: Insufficient volume forfully test trends; few high Good and low Choice 80-115 lb. vealers 35.00-45.00; few Good and Choice 350-500 lb. slaughter calves 45.00-55.00; few 95-120 lb. Holstein bulls returned to farm at 55.00-80.00.

SHEEP: None.

New Holland Livestock

Thursday, January 5
Report supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	948	665	37	36
Last Thurs.	884	530	20	1
Last Year	908	561	4	3

CATTLE: Compared to last Thursday slaughter steers steady to firm, instances 2.00 higher on high Good and low Choice; heifers generally steady in limited comparison; cows 1.00-2.50 lower; bulls 3.00-5.00 lower. Supply included 57 percent cows and 28 percent steers.

SLAUGHTER STEERS: High Choice and Prime 3-4 1140-1455 lb. 69.00-71.85; Choice 2-4 1010-1295 lb. 66.00-71.00, 1355-1515 lb. 63.75-68.00; few high Good to low Choice 1-2 1135-1335 lb. 70.50-73.00; Good 2-3 1010-1360 lb. 58.25-64.75; Choice 2-3 Holsteins 1280-1580 lb. 50.00-55.00, few 56.50-58.50; Good 2-3 Holsteins 1025-1355 lb. 46.25-51.75.

SLAUGHTER HEIFERS: Few high Choice and Prime 2-3 1075-1250 lb. 64.35-67.00; Choice 2-3 950-1225 lb. 59.25-64.25; Good 2-3 795-1205 lb. 55.00-61.25.

COWS: Breaking Utility and Commercial 2-3 33.75-38.25, few high dressing to 40.50; high Cutter and Boning Utility 1-2 31.25-35.85; Canner and low Cutter 26.00-32.75.

BULLOCKS: Choice 1-2 1025-1295 lb. 55.50-59.50; Good 1-2 1100-1355 lb. 44.35-51.25.

BULLS: Yield grade 1 1380-2080 lb. 46.00-50.35; yield grade 2 1410-1765 lb. 42.00-57.10.

VEAL CALVES: Vealers mostly steady.

VEALERS: High Choice and Prime 210-350 lb. 100.00-116.00; Good and Choice 185-330 lb. 72.00-95.00; Good 75-145 lb. 35.00-57.00, mostly 37.00-53.00.

RETURNED TO FARM: Bulk of supply Holstein bulls 85-115 lb. 80.00-101.00.

SHEEP: Not enough for a market test. Few Choice 80-90 lb. wooled lambs 63.00-69.00; few Utility slaughter ewes 16.00-27.00.

GOATS: Sold by the head, 25.00-41.00, with mature bucks 48.00-57.00.

Lancaster County Weekly

Friday, January 6

	Cattle	Calves
This Week	3875	1650
Last Week	3624	1316
Last Year	3198	1663

CATTLE: Slaughter steers mixed, generally steady with some strength on Good and Choice 1-2 and weakness on Good grades; heifers steady to 2.00 lower; cows 1.00-3.00 lower; bullocks 3.00-4.00 lower; bulls 1.00-5.00 lower. Supply included 36% slaughter steers, 43% cows, 5% heifers, and 6% bulls.

SLAUGHTER STEERS: High Choice and Prime 3&4 1140-1455 lb. 69.00-71.85; Choice 2-4 1010-1515 lb. 63.75-71.00; Good and Choice 1-2 1100-1450 lb. 68.85-73.00; Good and Choice 2-3 1000-1375 lb. 64.00-67.75; Good 2-3 58.00-64.75; Choice Holsteins 1200-1580 lb. 50.00-55.00, few 56.50-58.50; Good Holsteins 1025-1350 lb. 46.25-53.75.

SLAUGHTER HEIFERS: Few high Choice and Prime 2-3 1075-1250 lb. 64.35-67.00; Choice 2-3 950-1225 lb. 59.25-64.25; Good 2-3 795-1240 lb. 53.00-61.25; mostly 55.00-58.00.

COWS: Breaking Utility and Commercial 2-4 33.75-39.50; few high dressing to 38.50-41.50; high Cutter and Boning Utility 12 31.25-36.25; Canner and low Cutter 26.00-33.50.

BULLOCKS: Choice 1-2 1075-1350 lb. 55.50-62.75; Good 1-2 1000-1355 lb. 51.25-59.00.

BULLS: Yield grade 1 1380-2080 lb. 46.00-53.35, bulk 50.00-53.35; yield grade 2 1000-1765 lb. 42.00-50.75, mostly 46.00-49.50.

VEAL CALVES: Vealers mostly steady.

VEALERS: High Choice and Prime 210-350 lb. 100.00-116.00; few Choice 150-245 lb. 94.00-104.00; high Good and low Choice 140-330 lb. 68.00&95.00, 110-140 lb. 50.00-75.00, 80-110 lb. 45.00-53.00; Good 75-145 lb. 35.00-57.00, mostly 37.00-53.00.

SLAUGHTER CALVES: Few Choice 265-370 lb. 48.00-60.00; few Good 275-300 lb. 35.00-47.00.

RETURNED TO FARM: One lot 115 lb. Holstein heifers 62.00; 65 head 80-105 lb. 49.50-54.00. 40 head 120-125 lb. Holstein bulls 91.00-92.00; 100-115 lb. 90.00-105.00; 85-95 lb. 75.00-90.00; 80 head 100-115 lb. small frame 53.00-70.00; 15 head 110-115 lb. 83.00.

Chambersburg Livestock

Chambersburg, Pa.
Thurs., Dec. 5
Report Supplied by PDA

CATTLE: 428. Compared with last week's market: Sl. cows .50-2.00 lower. Sl. steers: (few) low Choice NO. 2-4, 1100-1340 lbs. 59.60-63.75; (few) Good 56.00-62.00; (few) Standard 47.85-55.00. Sl. heifers: (few) Choice 59.75; (few) Good 55.75-57.25. Sl. cows: Breaking Utility & Commercial 33.85-38.85; Cutter & Boning Utility 32.50-36.00; Canner & L. Cutter 27.50-33.00. Sl. bulls: Yield Grade No. 1 1150-2010 lbs. 46.854-53.85.

CALVES: 600. Choice 69.00-89.00; Good 55.00-65.00; (few) Standard & Good 110-125 lbs. 48.00-52.00; 75-110 lbs. 40.00-47.50; Utility 50-85 lbs. 25.00-42.00.

FARM CALVES: Hol. Bulls 90-95 lbs. 50.00-75.00; 100-125 lbs. 75.00-98.00; Hol. Heifers 80-130 lbs. 40.00-75.00.

HOGS: 60. Barrows and gilts 1.00 lower. No. 1-3 205-250 lbs. 50.50-50.85; US No. 1-3 300-560 lbs. 37.75-45.50.

FEEDER PIGS 45. (few) lots US No. 1-3 25-35 lbs. 8.50-15.00 per head; few lots No. 1-3 40-60 lbs. 17.00-21.00.

Belleville Livestock

Belleville, Pa
Wednesday, January 4
Report Supplied by PDA

CATTLE 165. Few Good slaughter steers 56.50-60.85, few Standard 48.50-50.75. Breaking Utility & Commercial slaughter cows 32.85-36, few 37.75, Cutter & Boning Utility 29.00-34, Canner & Low Cutters 25.75-30, Shells down to 20.00. Few Yield Grade #1 1520-1775 lbs. slaughter bulls 40.00-45.85.

CALVES 204. Few Good vealers 64.00-71, Standard and Good 75-105 lbs. 38.00-46, Utility 60-85 lbs. 25.00-40.00.

FARM CALVES: Holstein Bulls 90-95 lbs. 50.00-75, 100-120 lbs. 70.00-98, few 102, few Holstein Heifers 90-115 lbs. 50.00-55.00.

HOGS 205. US No. 1-2 210-240 lbs. barrows and gilts 49.85-51.35, No. 1-3 205-245 lbs. 49.35-51.10, lot No. 2-3 265 lbs. at 46.00, No. 1-3 185-195 lbs. 40.00-42. Few US No. 1-3 375-700 lbs. sows 35.00-37.00. Few Boars 27.50-35.00.

FEEDER PIGS 257. US No. 1-3 20-35 lbs. feeder pigs 8.00-18 per head, No. 1-3 35-50 lbs. 15.00-27.50, No. 1-3 60-85 lbs. 32.00-37.50, lot 150 lbs. at 50.00 per head.

SHEEP 23. Choice 75-100 lbs. wooled slaughter lambs 53.00-59.00. Few Slaughter ewes 11.50-26.00.

GOATS 9: Two Large 16.50-36.00 per head.

Open 24 hours a day
365 days a year
(717) 394-2611
AUCTIONS

MONDAY
9:00 A.M.— Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M.— Veal Calves, Lambs, Hogs
TUESDAY
10:00 A.M.— Slaughter Hogs
1:00 P.M.— Feeder Pigs
WEDNESDAY
10:00 A.M.— Slaughter Bulls, Heifers, Steers, Cows
11:00 AM.— Veal Calves, Lambs, Hogs
FRIDAY
11:00 A.M.— Stocker and Feeder Cattle
SATURDAY
9:30 A.M.—Slaughter Hogs

GRADED FEEDER CATTLE SALE
FRIDAY, JANUARY 13

LANCASTER STOCKYARDS, INC.
1147 Lititz Pike Lancaster, Pennsylvania 17601
Serving The Community For 87 Years

VINTAGE SALES STABLES, INC.
Sale Every Tuesday
11 A.M.
Slaughter Cattle Auction - Steers, Bulls, Heifers, Cows, Feeder Cattle.
Get calves in early. We start to grade and weigh at 2:00.
Sale Every Saturday
9 A.M.
Hog Sale
Butler Foods, Inc.
Receiving station for hogs every Mon., Wed., Thurs. & Fri. from 7 A.M. - 12 Noon
717-442-4742
Business Phone
717-768-8204
Home Phone
215-458-8518
L. Robert Frame, Manager
Box 100 Paradise, PA
10 miles East of Lancaster on Rt. 30

B&R CATTLE CO.
RD1, Marietta, PA 17547
Office Phone
(717) 653-8164
Specializing In Stockers & Feeders
JOHN BOWMAN
Ph (717) 653 5728
RON RANCK
Ph (717) 656 9849

HAY, STRAW & CORN
— SALE —
Every Friday at 12 Noon
GREEN DRAGON MARKET & AUCTION
RD No. 4 Ephrata, Pa. 717-738-1117
1 mile North of Ephrata on N. State St.
Out of State Buyers - Cash or Certified Check Only.

LEBANON VALLEY LIVESTOCK MARKET, INC.
1 mile East of Fredericksburg along Route 22
PHONE: JONESTOWN 865-2881
Sale every Tuesday at 1 30 P M starting with feeder cattle and pigs
Also Hay Sale every Tuesday at 12 30

HOG MARKETS

Lancaster Hogs
Lancaster Stockyards
Monday, January 2
Report supplied by USDA

No market due to holiday.

Tuesday, January 3

Today	149
Last Tuesday	618
Last Year	170

TREND: Small supply barrows and gilts not comparable, market not reported on Monday, January 2, 1984.

BARROWS AND GILTS: US 1-2 200-250 lbs. 49.75-51.00. US 1 Few 210-250 lbs. 51.00-52.00.

Wednesday, Jan 4

HOGS: Compared to Tuesday barrows and gilts 50-75 higher; sows 2.00-4.00 lower than last Wednesday, instances 8.00 lower on weights over 500 lb.

BARROWS AND GILTS: US 1-2 200-250 lb. 50.50-51.50. US 1 210-240 lbs. 51.50-52.10. US 1-3 220-265 lb. 49.00-50.50.

SOWS: US 1-3 350-500 lb. 32.00-38.00. 500-650 lb. 42.00-45.00.

New Holland Feeder Pigs
Wednesday, December 28
Report supplied by USDA

Today	767
Last Wednesday	904
Last Year	624

TREND: Compared to last Wednesday feeder pigs steady to 5.00 lower, mostly 3.00-5.00 lower. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 20 head 20-30 lbs. 83.00; 120 head 30-40 head 67.00-76.00; 172 head 40-50 lbs. 53.00-73.00; 86 head 50-60 head 58.00-70.00; 28 head 60-70 head 49.00-66.00; 72 head 70-93 lbs. 43.00-50.00.

US 2-3: 26 head 20-30 lbs. 68.00-81.00; 27 head 30-40 lbs. 67.00-79.00; 49 head 40-50 lbs. 41.00-43.00; 40 head 50-87 lbs. 32.00-52.00.

St. Louis Hogs
Thursday, January 5
Report supplied by USDA

BARROWS & GILTS: 4000. Active, 1.50-1.75 higher. US 1-2 210-260 lb. 50.50-51.00. US 1-3 210-250 lb. 49.50-50.50; 200-210 lb. 49.00-49.50; 260-270 lb. 48.50.

SOWS: Under 500 lb. steady-1.00 higher; over 500 lb. steady-2.00 higher. (About 12%) US 1-3 300-500 lb. 43.00-44.00; over 500 lb. 48.00-52.00.

BOARS: Over 250 lb. 38.50; under 250 lb. 42.00.

Lancaster Feeder Pigs
Tuesday, January 3
Report supplied by USDA

Today	488
Last Tuesday	863
Last Year	1065

TREND: Compared to last Tuesday feeder pigs weak to 5.00 lower. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 21 head 25-32 lbs. 78.00-80.00; 57 head 40-45 lbs. 72.00-75.00; 130 head 50-59 lbs. 59.00-68.00; 52 head 60-79 lbs. 51.00-58.00; 10 head 86-90 lbs. 47.50-48.00.

US 2: 7 head 37 lbs. 67.00-71.00; 18 head 45-48 lbs. 59.00-60.00.

US 2-3 7 head 27-35 lbs. 76.50-80.00; 6 head 37 lbs. 55.00; 10 head 58 lbs. 45.00; 6 head 73 lbs. 41.00.

New Holland Hogs
Monday, January 2
Report supplied by USDA

Today	1715
Last Monday	1398
Last Year	1296

Auction not covered - Federal Holiday.

Indianapolis Hogs
Thursday, January 5
Report supplied by USDA

BARROWS & GILTS: 1100. Active, .75-1.50 higher. US 1-2 210-250 lbs. 50.00-50.25, 20 head 50.50. US 1-3 200-250 lb. 49.50-50.00.

SOWS: Active, under 500 lb. .50-1.00 higher; over 500 lb. not tested. (10%) US 1-3 400-500 lb. 43.00-45.50.

BOARS: Under 250 lb. 41.00-42.00; over 350 lb. 32.00.

Peoria Hogs
Thursday, January 5
Report supplied by USDA

BARROWS & GILTS: 2500 Active, opening 1.50-2.00 higher. US 1-2 220-240 lb. 50.00-50.50, 150 head 51.00; 200-220 lb. 49.00-50.00. US 1-3 200-260 lb. 48.00-49.00.

SOWS: Under 500 lb. .50-1.00 higher; over 500 lb. steady-.50 lower. (16%) US 1-3 350-500 lb. 43.00 to mostly 44.00, few 45.00; 500-650 lb. 50.00-51.50.

Vintage Hogs
Vintage Sales Stables
Saturday, December 31
Report supplied by auction

144 head.

US 1 & 2 203-255 lbs. 54.00-55.25; US 2 & 3 201-250 lbs. 53.00-53.50; Lightweight 187-201 lbs. 48.00; Heavyweight 260-290 lbs. 50.50-53.75; Sows 320-545 lbs. 40.00-46.75; Boars 297-490 lbs. 31.25-34.50.

Indiana Auction
Homer City, Pa.
Thursday, January 5
Report supplied by PDA

CATTLE: 236. Compared with last week's market: Sl. cows mostly 2.00 lower. Sl. steers: Choice 63.75-66.00; Good 58.25-62.00; (few) Standard 52.00-56.25. Sl. heifers: Choice 60.00-65.50; (few) Good 57.25-58.50; Standard 45.00-52.25. Sl. cows: Breaking Utility & Commercial few high dressing 37.50-41.25; Cutter & Boning Utility 31.50-36.00; Canner & L. Cutter 26.00-32.00. Sl. bullocks: (few) Choice 61.25-61.50. Sl. bulls: (few) Yield Grade No. 1 1350-1550 lbs. 43.00-46.00.

FEEDER CATTLE: Steers, Medium Frame No. 1 300-520 lbs. 52.00-60.00.; Medium Frame No. 2 350-605 lbs. 45.00-48.50. Heifers, Medium Frame No. 1 310-540 lbs. 44.50-53.75; Medium Frame No. 2 320-650 lbs. 35.00-44.75. Bulls, Medium Frame No. 2 325-645 lbs. 42.00-47.50.

HOGS: 243. Barrows and gilts mostly .50 lower. US No. 1-2 215-245 lbs. 52.00-53.25; No. 1-3 210-255 lbs. 51.00-52.25; No. 2-3 215-280 lbs. 49.25-50.75; No. 1-3 lightweights 150-180 lbs. 43.00-45.00; Sows fully steady. US No. 1-3 325-620 lbs. 39.25-45.25; No. 2-3 310-565 lbs. 33.50-39.25. Boars 27.00-28.25.

Westminster Livestock Auction
Westminster, Md.
Tuesday, January 3
Report supplied by auction

BUTCHER COWS: Large run! 2.00 lower. High Yield few 39.00-41.25; Standard & Utility 34.00-38.25; Canners 30.00-34.00; Shelly 30.00 down. Slaughter Bulls- Medium quality to 46.50. Fed Steers- Choice 1050-1500 lb. 65.50-67.50; Holsteins 1500-1700 lb. 53.75-55.25. Fed Heifers- Good & Low Choice 900-1125 lb. 55.25-58.50.

BUTCHER HOGS: 2.00 lower. US #1&3 215-250 lb. 47.50; 270-350 lb. few 41.00-45.50; 186 lb. 1 lot to 39.50. Sows- US 1&3 over 500 lb. 48.00-49.00; US 1&2 275-450 lb. 41.00-46.00; Thin & Piggy 35.00-40.00. Boars- 500-700 lb. 32.00-32.50.

VEAL CALVES: Good & Choice 70.00-80.00; Standard 50.00-60.00; Stocky & Thin 40.00 down; Killers 80-100 lb. 40.00-49.00; Weak & Rough 30.00 down.

CALVES RETURNED TO FARM: Holstein Bulls- 95-120 lb. 60.00-80.00.

U.S. Inspected Livestock Slaughter

Estimated Livestock Slaughter Under Federal Inspection
First Four Days

	CATTLE	CALVES	HOGS	SHEEP
Week to Date (Est.)	415,000	42,000	1,031,000	82,000
Same Period Last Week (Est.)	410,000	42,000	990,000	78,000
Same Period Last Year (Act.)	513,000	43,000	1,124,000	96,000

Chicago Grain Futures

(Closing Bids as of Thursday, January 5

Mo.	Corn	Wheat	Soybeans	Soybean Meal
Jan.			7.88½	214.90
Mar.	3.33¼	3.58¾	8.05¾	215.60
May	3.36¾	3.54¾	8.18¾	216.70
July	3.37¼	3.42¾	8.25¾	217.80
Aug.			8.14	216.50
Sept.	3.10¼	3.49¼	7.61½	207.50
Oct.				194.20
Nov.			7.22	
Dec.	2.92½	3.62½		195.20

Trends - All grains stronger.
Market Provided by Merrill-Lynch Commodities, York

Futures Trading

(Closing Bids as of Thursday, January 5)

Mo.	Chicago Cattle	Chicago Hogs	NY Maine Potatoes
Feb.	68.65	52.45	
Mar.			5.58
Apr.	68.85	49.40	6.31
May			6.80
June	67.95	54.55	
July		55.37	
Aug.	65.82	54.70	
Oct.	63.42	52.50	
Nov.			3.95
Dec.		53.70	

Trends - Cattle, Hogs - very strong; Potatoes - little change.
Market Provided by Merrill-Lynch Commodities, York

ATTENTION HOG PRODUCERS

Now you have a choice of marketing your fat hogs on any one of 4 days a week through Walter M. Dunlap and Sons.

The starting times for each day are as follows: Monday at 1 P.M., Tuesday at 10 A.M., Wednesday at noon and Saturday at 10 A.M.

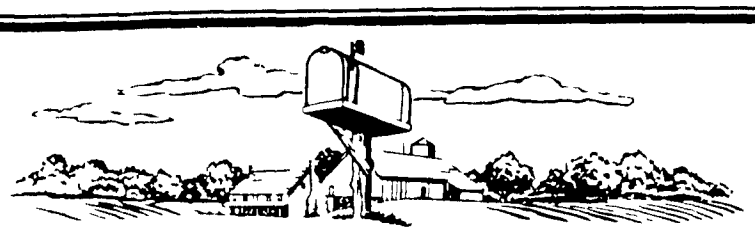
Consign your fat hogs to Walter M. Dunlap and Sons where they will be handled by experienced and capable personnel. All hogs weighed upon arrival.

For market information contact Ken Smoker or Ollie Nagle at 717-397-5136.

FEEDER PIG SALE
Every Tuesday - Starting at 1 P.M.

Walter M. Dunlap and Sons
Lancaster Stockyards
Tel. (717) 397-5136

An Old Line Commission Firm Keeping Abreast With The Times



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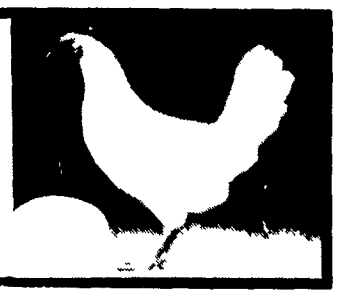
POULTRY MARKETS



Weekly New York Egg Market

From Friday, December 30 to Thursday, January 5

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	1.17	CLOSED	1.17	1.17	1.17
Ex Large	1.16		1.16	1.16	1.16
Large	1.15		1.15	1.15	1.15
Mediums	1.13		1.13	1.13	1.13
Pullets	.94		.94	.94	.94
Off Grade	1.07		1.07	1.07	1.07
BROWN					
Jumbo	–	–	–	–	–
Ex Large	1.24		1.24	1.24	1.24
Large	1.23		1.23	1.23	1.23
Mediums	1.17		1.17	1.17	1.17
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade					
Undergrades	.69		.71	.72	.72
Checks	.67		.69	.70	.70

Breaking Stock: Friday 23.40-24.90, 23.70-24.90; Wednesday 24.30-24.90, 24.90-25.20

Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification		DATE Jan. 3 Tuesday	DATE Jan. 5 Thursday
Class 1 - Large	48 lbs.	1.06	1.01
Class 2 - Large	45 lbs.	1.02	97
Class 3 - Medium	42 lbs.	98	96
Class 4 - Small	39 lbs.	86	86
Breaking Stock	48 lbs.	86	84
Checks	48 lbs.	79	77

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P.O. Box 366 - Lititz, PA 17543
Office: 22 E. Main St., Lititz, PA 17543
Record-Express Office Building
Phone: Lancaster 717-394-3047
or Lititz 717-626-1164

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Subscription Price
$7 50 per year, $13 00 - 2 years
$14 00 per year outside of
PA NJ MD DE NY VA & WV

Established November 4 1955
Published every Saturday
by Lancaster Farming Lititz PA
Second Class Postage paid at
22 E Main St
Lititz PA 17543 ISSN0023 7485

For address change form or new subscription see Mailbox Markets

Members of Newspaper Farm Editors Assn., Pa. Newspaper Publishers Association, and National Newspaper Association.
Represented national by
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N.E. Weekly Shell Egg Report

Tuesday, January 3
Report supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
MASS.X	1.21-1.23	1.20-1.22	1.14-1.16	89-91
Mostly	1.21	1.20	1.14	89
N. HAMP.	1.17-1.21	1.16-1.20	1.10-1.14	87-91
Mostly	1.19-1.20	1.18-1.19	1.12-1.13	89-90
R.I.	1.18-1.24	1.17-1.23	1.11-1.17	88-94
Mostly	1.18-1.20	1.17-1.18	1.11-1.13	88-90
VERMONT	1.18-1.22	1.15-1.21	1.10-1.15	
Mostly	1.20	1.15	1.12	
MAINE	1.24-1.27	1.23-1.26	1.17-1.20	

X Includes Central and Western Sections only.

New York Multiple Drop Broiler Report

Thursday, January 5
Report supplied by USDA

Current broiler/fryer negotiated prices for immediate delivery includes mostly multiple-drop shipments to New York City from Delmarva.

RANGE: U.S. Grade A .58-.65; WTD. AVG.: U.S. Grade A 63.13; Premium (X) Boxes 12,561.

(X) Includes special services, selected competitive brands, etc.

Eastern Pa. & N.J. Poultry

Wednesday, January 4
Report supplied by USDA

Market Comment: Trading is very limited with spotty sales noted at 27 cents delivered into processing plants. The high egg market coupled with restrictions in the quarantine area has restricted the available supply of live to very light levels. Canner pack movement is slow.

Prices Paid at Farm:

Light Type Hens: Too few to report.

F.O.B. Plant: Too few to report.

Philadelphia Eggs

Thursday, January 5
Report supplied by USDA

MARKET COMMENT: Prices unchanged. Cartoned movement is still fairly good, but traders have noticed a tapering of cartoned orders back to normal levels. Jumbos and extra large are in surplus with both graded loose and carton stocks easily available locally. Large are generally adequate or in balance, but there is a fresh call for class 1's. However, this demand is not as aggressive as before, and pricing is sifting back to normal relationships. Mediums are no more than adequate, and some packers are still short and looking for class 3's. Smalls are short of full-trade needs.

Undertone is steady.

Prices to retailers; sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra Large 1.10-1.14; A Large 1.08-1.13; A Medium 1.06-1.10.

Delmarva Poultry

Thursday, January 5
Report supplied by USDA

Market Comment: Ready to cook movement on whole birds is much improved in most quarters and processors indicate orders have picked up due to first of month buying interest. Leg and leg quarters are meeting an improved inquiry particularly for next week. Breasts and cutlets are still not clearing as well as needed to keep inventories from building. Wings continue to be discounted in order to keep them moving.

Slaughter schedules are heavy. Live supplies are adequate. Weights are in a wide range, but overall the weights are trending slightly heavier.

Undertone unsettled.

Today's L.T.L. asking prices are 2 cents lower on U.S. Grade A at .58-.63 cents.

Estimated slaughter of broiler fryers in Delmarva (000).

Estimated 1/5/84 1,895; Actual 12/29/83 1,728; Actual 1/3/84 1,750; Average Weights 1/3/84 1.24; Average Weights 12/27/83 4.21.

Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, January 3
Report supplied by auction

RABBITS: 4-6 lbs. range .90-1.20 per lb.

RABBITS: 7-12 lbs. range .60-.92 per lb.

BUNNIES: range .50-1.50 ea.

GUINEA PIGS: range .35-2.50 ea.

GOATS: range 30.00-35.00 ea.

KID GOATS: range 33.00-41.00 ea.

TOTAL NUMBER COOPS: 384.

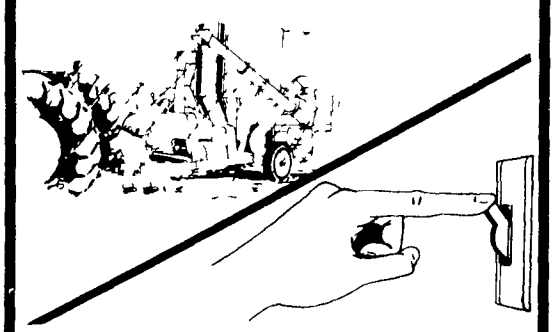
North Jersey Livestock

Hackettstown, N.J.
Tuesday, December 27
Report supplied by auction

1169 head.

Calves 20.00-100.00; Cows 25.00-47.75; Easy Cows 25.75-35.75; Heifers 26.00-55.00; Bulls 40.00-53.75; Steers 33.50-62.75; Hogs 35.00-53.00; Rosting Pigs, each 5.00-48.00; Kids 7.00-60.00; Boars 30.00-35.00; Sows 32.00-35.00; Sheep 20.00-40.00; Lambs, each 11.00-61.00; Lambs, per lb. 30.00-82.00; Goats, each 38.00-65.00; Hides 4.00.

WINTER JOYS?



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(Photos Clockwise From Top Left, Leon Moyer, Lee Reinecker, Stan Schmidt, Harold Mishler)

Because of the Current dangers of spreading the Avian Flu virus from farm to farm, representatives from Moyer's Chicks, have been making themselves scarce. We are, however, as close as the nearest phone, and we are working hard at co-ordinating supplies for customers within the Q-Zone and for those without and those out of state.

SEE YOU AT THE PA FARM SHOW
BOOTH #'s 641 and 642

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DEKALB BROWN & WHITE EGG LAYERS
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DEKALB

Pennfield Dairy Management Meetings

Feed management is the foundation on which a financially sound dairy operation is built. The cost of roughage and grain is the largest annual expense. The purpose of Pennfield Dairy Management Meetings is to give you, the dairyman, some up-to-date facts on feed management, and some ideas on how to improve your cash flow.

AGENDA

9:30 am	Milk, Coffee and Donuts
10:00 am	Pennfield - Leading The Way
10:15 am	Positive Program For Breeding Dairy Cows
10:45 am	Presenting Dairy Herd Diseases
11:15 am	Pennfield's New High Performance Feeds
11:45 am	Buffet Luncheon
1:00 pm	Cutting Production Costs and Improving Cash Flow
1:45 pm	Body Conditioning Scoring - A New Tool For Herd Management
2:30 pm	Meeting adjourns promptly

FEATURED SPEAKER

Dr. Brian Perkins, Ph.D. is a graduate of Cornell University, specializing in Reproductive Physiology and Ruminant Nutrition. He recently joined Pennfield Corporation, as Manager of Dairy and Livestock Nutrition.

MEETING LOCATIONS

Tues.,	Jan. 17	Martinsburg, Pa.	Chilcoat's Restaurant, Rt. 220 East Freedom
* Wed.,	Jan. 18	Intercourse, Pa.	Harvest Drive Restaurant
Thurs.,	Jan. 19	Lewistown, Pa.	Chilcoat's Restaurant, Reedsville
Tues.,	Jan. 24	Hickory, Maryland	Hickory Inn
* Wed.,	Jan. 25	Georgetown, Pa.	Georgetown Fire Hall
Tues.,	Jan. 31	Shippensburg, Pa.	Grill & Gallery Restaurant

** Transportation available upon request*

Wed.,	Feb. 1	Alexandria, Pa.	Alexandria Fire Hall
Thurs.,	Feb. 2	Clintondale Mills	Loganton Fire Hall
Tues.,	Feb.7	Kistler, Pa. - Perry County	Kistler Corner Restaurant
Thurs.,	Feb. 9	Thurmont, Maryland	Cozy Restaurant
Wed.,	Feb. 15	Nottingham, Pa.	Nottingham Inn
Thurs.,	Feb. 16	Chambersburg, Pa.	Burkholders Restaurant
Thurs.,	Feb. 23	Damascus, Maryland	Damascus Fire Hall

TO MAKE RESERVATIONS FOR THE MEETING IN YOUR AREA CALL TOLL FREE

Pa. 1-800-732-0467 Md. 1-800-233-0202

pennfield feeds

Quality - Performance - Service

HAY MARKETS

New Holland Hay

New Holland Sales Stables
Monday, January 2
Report supplied by auction

240 loads. Market steady on all products.

Alfalfa, mostly 125.00-150.00, 6 choice lds. 158.00-192.00, some low quality 1st cutting 100.00-125.00; Mixed Hay 100.00-125.00; few Alfalfa/Timothy mix up to 165.00; Timothy 102.00-140.00; Straw 95.00-110.00, few up to 120.00; Corn Fodder 77.00; Clover 100.00-107.00; Ear Corn 136.00-150.00; Shell Corn 4.00/bu.; Firewood 42.00-58.00 ld.

Kiester's Hay

Middleburg, Pa.
Tuesday, January 3
Report supplied by auction

31 loads.

Alfalfa 97.50-116.00; Mixed hay 57.00-100.00; Timothy 70.00-77.50; Straw 70.00-85.00; Ear corn 110.00; Oats 2.65 bu.; 30 loads firewood 24.00-65.00.

Vintage Hay

Vintage Sales Stables
Thursday, January 5
Report supplied by auction

16 loads.

Alfalfa 118.00-122.50; Alfalfa Mix 95.00-117.50; Timothy 94.00-118.00; Orchard Grass 108.00; Straw 110.00-120.00.

Leinbach's Hay

Shippensburg, Pa.
Tuesday, January 4
Report supplied by auction

53 loads.

Alfalfa 100.00-155.00; Mixed hay 77.50-122.50; Clover 94.00; Timothy 72.00-116.00; Bromegrass 90.00-132.50; Orchard grass 85.00-107.50; Straw 70.00-86.00; Ear Corn 132.50-145.00.

Hagerstown Hay

Martin's Elevator
Wednesday, January 4
Report supplied by auction

33 loads.

Alfalfa 119.00-140.00; Alfalfa grass 130.00-137.00; Clover-Timothy mixed 90.00; Clover 110.00; Timothy 108.00-121.00; Orchard grass 137.00; Mixed grass 109.00-120.00; Mixed Timothy 99.00-115.00; Straw 61.00-62.00; Corn fodder 46.00; Soybean hay 65.00.

Carroll County Hay

Westminster, Maryland
Tuesday, December 27

9 loads.

Alfalfa, 140.00/ton, 2.90/bale; very nice Timothy, 169.00/ton; Mixed Orchard Grass/Timothy, 97.50/ton; Straw, 72.00/ton; Oak lumber, 1x6x8, 10' long, 1.00/board.

Next sale: January 10.

Pa. Grain

Tuesday, January 3
Report supplied by PDA

Compared with the market two weeks ago for Southeastern, Central and South Central PA. Corn uneven, mostly steady to 10 cents higher; Wheat steady to 10 cents higher, instances 30 cents higher; Barley & Oats steady to 20 cents higher; Ear Corn steady to fuly $5 higher.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pa.

Corn No. 2-y range 3.60-3.90, average 3.76, New Crop 2.85-2.91; Wheat No. 2 range 3.55-3.80, few reported 3.98, average 3.73, New Crop 3.30-3.52; Barley No. 3 range 2.60-3.00, average 2.80, New Crop 2.00-2.20; Oats No. 2 range 2.35-2.50, few reported 2.72; average 2.48; Soybeans No. 1 range 7.67-7.97, average 7.80, New Crop 6.70-6.91; Gr. Sorghum #2 range 3.20, average 3.20, New Crop 2.40; Ear Corn range 85.00-100.00, few reported 125.00, average 99.36.

Central Pa.

Corn No. 2-y range 3.60-3.90, average 3.74; Wheat No. 2 range 3.60-3.85, few reported 4.00, average 3.78; Barley No. 3 range 2.40-2.60, few reported 2.85, average 2.59; Oats No. 2 range 2.10-2.50, average 2.34; Soybeans No. 1 range 7.30-7.75, average 7.52; Gr. Sorghum No. 2 range 3.80, average 3.80; Buckwheat range 8.80-9.00, average 8.93; New Ear Corn range 86.00-96.00, few reported 105.00, average 95.27.

South Central Pa.

Corn No. 2-y range 3.60-3.80, few reported 3.95, average 3.75; Wheat No. 2 range 3.25-3.75, mostly 3.50-3.60, average 3.53; Barley No. 3 range 2.50-3.00, few reported 2.25, average 2.69; Oats No. 2 range 1.80-2.30, mostly 1.95-2.00, average 2.00; Ear Corn range 90.00-130.00, average 111.38.

Southeastern, Central & South Central Summary

Corn No. 2-y range 3.60-3.90, average 3.75; Wheat No. 2 range 3.50-3.85, average 3.71; Barley No. 3 range 2.40-3.00, average 2.71; Oats No. 2 range 1.95-2.50, average 2.33; Ear Corn range 85.00-125.00, average 101.07.

Western Pa.

Corn No. 2-y range 3.65-3.85, few reported 3.45, average 3.69; Wheat No. 2 range 3.10-3.30, average 3.18; Barley No. 3 range 2.30, average 2.30; Oats No. 2 range 1.85-2.35, few reported 1.65, average 2.06; Ear Corn range 80.00, average 80.00.

Regional Hay

Friday, December 30
Report supplied by PDA

(All hay No. 2 and better, prices paid by dealers at the farm and per ton.)

Hay & Straw steady.

Alfalfa 105.00-135.00; Mixed hay 85.00-100.00; Timothy hay 80.00-90.00, few 100.00; Straw 60.00-80.00; Mulch 35.00-55.00.

King's Auction

Tuesday, January 5
Report supplied by auction

33 Loads.

Two top lds. Alfalfa 133.00 & 138.00; Alfalfa mostly 110.00-130.00, few dusty lds. in 90's; Mixed Hay 115.00-124.00; Timothy 105.00-120.00, few in 90's; Grass Hay 110.00; Straw 95.00-110.00; Corn Fodder 71.00; Shelled Corn 4.00/bu.; firewood 45.00/ld.

Good's Hay

Leola, Pa.
Wednesday, January 4
Report supplied by auction

222 loads.

Mixed Hay 89.00-139.00; Corn 126.00-136.00; Alfalfa 101.00-155.00; Straw 74.00-105.00; Timothy 91.00-116.00; Clover 97.00-115.00; Soybean Stalks 63.00; Firewood 36.00-45.00/ld.

Green Dragon Hay

Ephrata, Pa.
Friday, December 30
Report supplied by PDA

88 Loads Hay and 40 Loads Straw.

Alfalfa 113.00-166.00; Mixed hay 100.00-111.00, few to 162.00; Timothy hay 111.00-137.00; Stubble hay, one load 92.00; Straw 92.00-136.00, mostly 100.00-122.00; Ear Corn, 8 loads 135.00-145.00; Rye one load 3.75 per bu.; Oats, 3 loads 2.50-3.10 per bu.

Frederick Co. Hay

Buckeystown, Md.
Thursday, January 8
Report supplied by auction

63 loads; market steady to strong.

Alfalfa six good to fancy 151.00-185.00, six fair to good 118.00-131.00; Timothy five fancy 125.00-133.00, eight good 118.00-124.00; two Bromegrass 125.00-127.50; Mixed Hay two fancy 125.00-131.00, six good 100.00-102.50, three fair 79.00-85.00; Straw nine good 72.00-82.00; Corn Silage 29.00 ton; Firewood two split hardwood 81.00-87.50, three mixed wood 65.00-74.00 a cord.

New Holland Horse

New Holland Sales Stables
Monday, January 2
Report supplied by auction

Reported receipts of 237 head of horses, mules, and ponies. Market: steady.

LOCAL

Work horses 750.00-1100.00.
Better horses 375.00-575.00.
Driving horses 275.00-600.00.
Riding horses 250.00-325.00.
Lightweight killers 225.00-275.00; Heavyweight killers 300.00-485.00.
Mares 30.00-100.00; Colts 10.00-20.00; Geldings 30.00-100.00.
Larger ponies 125.00-150.00.

NEW HOLLAND SALES STABLES, INC. - THE ACTION AUCTION

MONDAY

FAT HOGS

EARLY BIRD HOG SALE

For Your Protection Your Hogs Must Be Identified

10:00 AM

HORSES MULES

11:00 AM

HAY
STRAW
GRAIN

1:30 PM

BEEF SALE
CALF, SHEEP, GOATS

WEDNESDAY

12:00 NOON

DAIRY COWS

HEIFERS, BULLS

NEW HOLLAND SALES STABLES, Inc.
12 Miles East of Lancaster
on Route 23, New Holland, Penna

The Action Auction
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Mgr - Abe Diffenbach - 717-393-4464
Norman Kolb - 717-397-5538
Field Representatives
Alan Diffenbach 717-656-9806
Luke Eberly 215-267-6608 - 738-1865

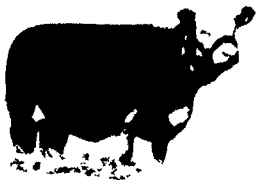
WEDNESDAY
FEEDER PIG SALE
1:30 P.M.

We endeavor to keep our barns cleaner than yours.
State graded until 12 Noon

THURSDAY

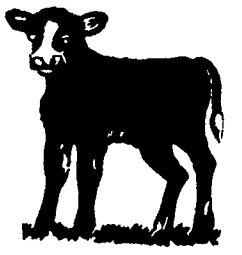
11:00 AM

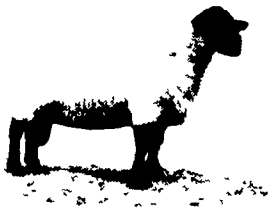
BULLS -



STEERS -
BEEF COWS

3:30 P.M.

CALVES 



SHEEP
GOATS

Market your livestock thru New Holland Sales, your neighbor does
Pick-up your check before you leave

Livestock market and auction news

Carlisle Livestock Auction

Carlisle, Pa.
Tuesday, January 3
Report supplied by auction

CATTLE: Steers were 1.00 higher; Heifers were 2.00 higher; Cows were 1.00-2.00 lower and Bulls were steady. Steers- Good 59.00-63.85; Medium 57.00 down. Heifers- Choice to 65.00; Good 55.00-58.00; Medium 53.75 down. Cows- Utility & Commercial 36.50-39.85; Cutter 33.60-37.00; Canner & Low Cutter 29.75-33.50; Shells 29.00 down. Fat Bulls- Medium 43.00-49.85.

FEEDER CATTLE: Heifers were 2.00-3.00 higher; Bulls were 1.00 higher and Steers were 2.00 lower. Steers- (360-685 lbs.) Good 50.00-55.00; Medium 44.00-49.00; Culls 43.00 down. Heifers- (300-600 lbs.) Good 51.00-57.00; Medium 42.50-48.50. Bulls- (380-635 lbs.) Good 50.00-54.00; Medium 43.50-49.00.

CALVES: 2.00 lower. Vealers- Choice 85.00-92.50; Good 63.00-84.00; Standard & Good 53.00-65.00; Standard 43.00-52.00; Light & Weak 42.00 down. Farm Calves- Hol. Bulls 90.00-96.00.

HOGS: 3.00-4.00 lower; US No. 1-2 48.00-51.10; US No. 1-3 47.25-49.00; US No. 2-3 42.00-46.50. Sows- 1.00 higher; US No. 1-3 45.00-52.50; US No. 2-3 39.00-45.00. Boars- .75 higher; 31.75-33.00.

FEEDER PIGS: Steady on light pigs (under 25 lbs.) and 3.00-6.00 higher over 30 lbs. US No. 1-3 20-25 lbs. 7.00-8.00 head; No. 1-3 30-40 lbs. 13.00-23.00 head; No. 1-3 50-52 lbs. 33.00-35.00 head.

SHEEP: Lambs- Choice 63.00-64.00 (3.00-4.00 higher); Good 52.00-59.00; Medium 48.00-51.00. Goats- Large 55.00-58.00 head; Medium 17.00-30.00 head.

Morrison Cove Livestock

Martinsburg, Pa.
Monday, January 2
Report supplied by Auction

CATTLE 341. High Choice & Prime slaughter steers 66.25-67.75, one at 69.00, Choice 64.25-65.50, Good 60.50-63.75, Standard 54.50-58.50, Utility 42.50-50.75. Choice slaughter heifers 66.00-67.25, Good 62.50-64.50, Standard 54.50-60.00, Utility · 43.50-51.50. Utility and Commercial slaughter cows 42.50-46.50, Commercial 40.25-41.75, Cutters 35.50-39.50, Canner & Low Cutters 32.50-36.25, Shells down to 25.00. Choice slaughter bullocks 60.50-62.75, Good 54.50-58.50, Standard 48.00-49.50, Utility 41.00-45.50. Yield Grade #1 slaughter bulls 47.50-52.50, #2 43.50-45.50.

FEEDER CATTLE: Choice feeder steers 54.50-58.50, Good 50.50-52.50, Medium 42.50-48.50. Good feeder heifers 52.50-56.50, Medium 43.50-48.50. Good feeder bulls 50.50-53.50, Medium 43.50-48.50.

CALVES 435. Prime vealers 92.50-106.50, Choice 85.50-91.50, Good 72.50-83.50, Standard & Good 110-130 lbs. 60.50-68.50, 90-110 lbs. 45.50-58.50, 70-90 lbs. 40.00-46.50, Utility at 20.00.

FARM CALVES: Holstein Bulls 90-130 lbs. 82.50-116.50; Holstein Heifers 90-130 lbs. 52.50-62.50.

HOGS 318. US No. 1-2 2-240 lbs. barrows and gilts 52.50-53.00, No. 1-3 2-250 lbs. 51.00-52.00, No. 2-3 2-250 lbs. 50.00-51.50, 280-320 lbs. 42.50-48.50, No. 1-3 180-195 lbs. 47.50-50.00. US No. 1-3 300-600 lbs. sows 42.50-45.50, No. 2-3 300-600 lbs. 32.50-40.50. BOARS 27.00-32.50, light weights 37.00-40.50.

FEEDER PIGS 119. US No. 1-3 20-40 lbs. feeder pigs 13.00-24.50 per head, No. 1-3 40-60 lbs. 34.00-38.50 per head.

SHEEP 7. Good 80-130 lbs. wooled slaughter lambs 54.50-60.00, Utility 75-85 lbs. 48.50-53.50. One Slaughter ewe at 25.00. GOATS 2: 15.50-20.50 per head.

Peoria Cattle

Thursday, January 5

Compared to last week slaughter steers and heifers 1.00 to 1.50 lower. Cows 2.00 to 4.00 lower. Bulls 1.00 to 2.00 lower. Trade slow at midweek and demand light especially on good and choice consignments. Majority of supply good to choice steers and heifers with 20% cows and bulls. Receipts this week about 1700 as compared to 1268 a week ago and 4800 a year ago.

SLAUGHTER STEERS: Choice 2-4 1050-1300 lb. 64.50-69.00, late mostly 64.50-65.50. Good and choice 2-3 1000-1200 lbs. 61.00-66.00, bulk late 62.00-64.50. Good 58.00-61.00. Holsteins: Package good and choice 1-3 1300 lbs. 54.50.

SLAUGHTER HEIFERS: Choice 2-4 925-1075 lbs. 63.50-67.00, late 63.50-65.50. Good and choice 2-3 850-1050 lbs. 62.00-64.00. Good 58.00-62.00.

COWS: Cutter and boning utility 1-3 at midweek 32.00-36.00. Canner and low cutter 1-2 29.00-32.25. Package 25.00.

BULLS: YG 1-2 1100-1900 lbs. 41.00-44.00.

G&M Livestock

Monday, January 2
Duncansville, Pa.
Report supplied by auction

DAIRY COWS: 440.00-890.00 per head.

SLAUGHTER CATTLE: Choice 64.00-69.85; Good 60.00-64.00; Standard 54.00-60.00; Utility 44.00-54.00. Heifers- Choice 60.00-66.00; Good 54.00-64.00; Standard 48.00-54.00; Utility 42.00-48.00. Cows- Choice 33.00-40.00; Good 34.00-38.00; Standard 32.00-34.00; Utility 30.00-32.00; Cutters 28.00-30.00; Canners down to 22.00. Bulls 1100-1150 lbs. 48.00-61.00; 900-1100 lbs. 44.00-54.00.

FEEDER CATTLE: Steers- Choice none; Medium and Good 300-600 lbs. 48.00-56.00. Heifers- Choice none; Medium and Good 300-600 lbs. 44.00-52.00.

CALVES: Vealers Prime and High Choice 90.00-104.00; Good and Choice 70.00-90.00; Standard 50.00-70.00; Utility down to 30.00. Farm Calves- Holstein bulls 90-120 lbs. 70.00-99.00; Heifers 90-120 lbs. 50.00-65.00.

HOGS: Barrows and gilts 210-240 lbs. 41.00-52.25; 170-300 lbs. 42.00-47.00. Sows- 300-600 lbs. 40.00-50.00. Boars- 28.00-34.00.

FEEDER PIGS: 25-35 lbs. 15.00-24.00 per head; 35-50 lbs. 24.00-34.00.

SHEEP: Slaughter lambs 90-110 lbs. 50.00-64.50; ewes 12.00-30.00.

GOATS: 18.00-34.00.

New Holland Dairy

New Holland Sales Stables
Wednesday, January 4
Report supplied by auction

Reported receipts of 81 cows, 35 heifers, and 5 bulls.

Market stronger on better cows; heifer market steady.

Load of PA purebred & grades, fresh cows 85.00-1635.00.

Load of PA fresh cows 670.00-1300.00.

Load of PA fresh cows 675.00-1085.00; springers 680.00-910.00.

Load of Franklin Co. fresh cows 580.00-1410.00.

Load of PA fresh cows 700.00-1035.00.

Locally consigned cows 525.00-810.00.

Local Heifers 500.00-875.00.

Bulls 425.00-725.00.

Joliet Cattle

Thursday, January 5

Weekly

CATTLE: Friday through Wednesday's salable receipts 2,050; 4 days last week 2,445; same period a year ago 3,162. Trading moderate for the week. Slaughter steers ended the week steady to 1.00 lower compared with Wednesday of last week. Slaughter heifers ended the week 50 to 1.00 lower.

SLAUGHTER STEERS: Choice few prime 3-4 1250-1350# 68.00, 2 loads 69.00-69.25, 2 loads 70.00. Choice 2-4 1100-1350# 66.00-68.00, 1000-1100# 65.00-66.00. Mixed good and choice 2-3 1000-1200# 64.00-66.00. Good 2 950-1100# 62.00-64.00

SLAUGHTER HEIFERS: Choice 2-4 950-1150# 64.00-66.00. Mixed good and choice 2-3 850-1000# 62.00-64.50.

COWS: Boning utility 1-3 33.00-33.50. Canner and cutter 1-3 30.00-33.00.

Penns Valley Livestock

Centre Hall, Pa.
Tuesday, January 3
Report supplied by auction

Beef Cows: Utility and Commercial 33.75-36.10; Cutters 30.20-33.20; Canners 27.50-29.75; Shells 20.00.

Heifers: Good 50.00-52.50; Standard 41.50-46.25; Commercial 33.00-38.40.

Steers: Standard 45.75-48.50.

Bulls: Good 49.25-51.10; Standard 42.75-47.35.

Feeder Cattle. 300-500 lbs. large frame 48.50-54.25; 300-500 lbs. small frame 46.25-51.00; 500-700 lbs. large frame 47.25-52.00; 500-700 lbs. small frame 45.00-47.50.

Veal Calves: Choice 75.00-84.00; Good 61.00-72.00; Standard 49.00-60.00; Utility 41.00-48.00.

Farm Calves: Bulls 70.00-91.00; Heifers 50.00-56.00.

Hogs: 44.25-48.50.

Boars: 28.50-34.00.

Shoats: 25-30 lbs. per head 10.00-14.00; 30-35 lbs. per head 16.00-25.00; 35-50 lbs. per head 27.00-32.00.

Lambs: 51.00-63.00.

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Livestock market and auction news

Apple Market News

Tuesday, January 3
Report supplied by PDA

Happy 1984 to you from Pennsylvania Department of Agriculture.

Movement of apples during the past Holiday weeks showed slight improvement with a gradual increase in activity, and with prices remaining relatively steady. Keep in mind that for prices to improve, the market must first show an increase in activity and this has been evident for the past three weeks according to some brokers within the Commonwealth.

The citrus freeze in Texas and Florida continues to be newsworthy. The latest news reported is that because of the embargo, citrus prices will go up and product quantity in markets will decline. This will begin showing up by weekend. Shelf space in the markets will become empty due to lack of citrus fruit. Let's talk to our buyers about filling up empty space with good Pennsylvania Apples.

SUMMARY

Prices quoted below are wholesale, truckload, f.o.b. prices at the orchard or packing house on Pennsylvania apples.

TRAYPACKS:

Red Delicious - U.S. Extra Fancy 100's & up 11.00, mostly; 113's 10.50; 125's 10.00; U.S. Fancy 88's up 10.00, few; Comb. Fancy & Ex. Fancy 100's up 10.00; 113's 9.50; 125's 8.00-8.50.

Golden Delicious Comb. Fancy & Ex. Fancy 88's up 10.00; 100's 9.50; 113's 9.00.

Red Rome U.S. Extra Fancy 88's up 11.00; 100's 10.00; Comb. Fancy & Ex. Fancy 80's & up 9.00-9.50; 88's 9.00.

Stayman U.S. Extra Fancy 113's up 13.00; 125's 13.00; Comb. Fancy & Extra Fancy 113's up 12.00; 125's 11.00.

BAGGED APPLES:

12/3 bags Red Delicious U.S. Fancy 6.00-6.50, some 6.75; Golden Delicious U.S. Fancy 6.00-6.50; Stayman Red Delicious 6.00-7.00, some 8.00; Red Romes, Extra Fancy 8.00; Fancy 6.00-6.50, occ. 7.00.

Juice apples are selling for 4.00-4.50 per cwt. delivered. We will continue to keep you informed on this segment of the market as this market changes.

Lebanon Valley Livestock

Fredericksburg, Pa.
Tuesday, Jan. 3
Report Supplied by PDA

CATTLE 290. Compared with the market two weeks ago: Supply included 173 head slaughter cows. One Prime slaughter steer 1260 lbs. at 67.25, Choice 2-4 1050-1460 lbs. 63-66.85, Good 58.75-63.85, few Good & Choice holsteins 56.75-59.50, Standard 50.00-58, few Utility 30.00-46.75. Choice slaughter heifers 56.75-60.75, few 62.85, Good 51.60-58.25, few Standard 39.25-46.75, few Utility 30.50-36. Breaking Utility & Commercial slaughter cows 35.00-38.25, few 43.00, Cutter & Low Cutter 28.10-33.85, Shells down to 22.00. One Good slaughter bullock at 52.00, two Standard 44.00&47, few Utility 33.10-39.50. Few Yield Grade #1 1430-1865 lbs. slaughter bulls 50.25-54.75.

CALVES 254. Few Choice vealers 81.00-91, few Good 59.60-71, Standard & Good 90-125 lbs. 48.00-50, 65-85 lbs. 36.00-47, few Utility 50-120 lbs. 31.00-37.

FARM CALVES: Holstein Bulls 90-130 lbs. 50.00-105, mostly 70.00-96; few Holstein Heifers 100-135 lbs. 69.00-83.

HOGS 132. US No. 1-3 220-255 lbs. barrows and gilts 48.35-49.25, few 265-275 lbs. 46.35-47.50, lot 205 lbs. at 47.10, No. 2-3 270-330 lbs. 43.00-46.10, US No. 1-3 325-460 lbs. sows 38.00-41.25, few 42.50-45.75, 430-630 lbs. 46.00-48.75, few 49.50-50. One Boar at 38.00.

FEEDER PIGS 5. Few US No. 1-3 50-80 lbs. feeder pigs 31.00-39 per hundredweight.

SHEEP 3. One Yearling at 38.00; Slaughter sheep, two at 18.00&19.00.

GOATS 4: 31.00-40 per head.

Four States Livestock

Hagerstown, Md.
Wednesday, December 28
Report supplied by auction

SLAUGHTER: Fed Steers- $3.00 higher. Choice 61.00-65.00; Good 57.00-60.00; Medium 56.00 down. Heifers- Demand for Choice; Choice 59.00-63.50; Good 52.00-58.00; Medium 51.00 down; Dairy Type 39.00-45.00. Cows- Mostly steady. High Yield 38.50-40.50; Average 35.00-38.00; Big Middle 32.00-34.00; Fatty Herf 31.00-33.00; Shelly 32.00 down. Fat Bulls- $2.00 higher; Good 47.00-52.75; Medium 42.00-46.00. Veal Calves- Choice $5.00 higher, Light Calves steady. Choice 83.00-94.00; Good 78.00-82.00; Medium 65.00-77.00; Farm Hfrs. to 49.00; Farm Bulls to 84.00; Light & Weak 42.00 down. Lambs- Steady prices. Good 57.00-58.50; Medium 52.00-56.00.

STOCKER: Steers 300-550 lbs.- Bad weather. Choice none; Good 50.00-52.00; Medium 43.00-49.00; Culls 42.00 down. Steers 600-850 lbs.- Good 48.00-51.00; Medium 47.00 down. Bulls- Good 47.00-48.00; Medium 43.00-46.00. Pigs. Hd.- Few offered. Shoats by Lb.- 32.00-39.00. Slaughter Hogs- $2.00 higher. 240-260 lbs. 51.50-52.60; 265-280 lbs. 48.25-51.00. Sows- 350-500 lbs. 44.00-50.75; Thin Sows 34.00-42.00. Heifers (All Weights)- Good 40.00-44.00; Medium 35.00-39.00.

Keister's Livestock

Middleburg, Pa.
Tuesday, Jan. 3
Report Supplied by PDA

CATTLE 378. Compared with last Tuesday's market, slaughter cows $1.25-$3.50 lower. Few High Choice & Prime slaughter steers 66.00-67.25, Choice 2-4 1075-1375 lbs. 63-66.10, Good 58.85-62.75, couple 63.50, Standard 49.25-55, few Utility 40.50-49.00. Choice slaughter heifers 60.00-63, one at 64.75, few Good 53-57.50. Breaking Utility & Commercial slaughter cows 32.25-35.35, couple 37.25, Cutter & Boning Utility 30.75-34.75, Canner & Low Cutters 26.75-30.75, Shells down to 21.00. Yield Grade #1 1080-1690 lbs. slaughter bulls 45.00-51.85, few #2 800-1800 lbs. 38.50-40.00.

FEEDER CATTLE: Medium & Large Frame #2 500-1000 lbs. feeder steers 42.00-53.00.

CALVES 196. Individual Prime vealer at 98.00, few Choice 79.00-93, few Good 68.00-77, Standard & Good 70-105 lbs. 42.00-48, Utility 60-85 lbs. 30.00-43.00.

FARM CALVES: Holstein Bulls 90-130 lbs. 50.00-98, mostly 70.00-90.00.

HOGS 576. Barrows and gilts $2 lower. US No. 1-2 210-235 lbs. barrows and gilts 52.25-53.50, No. 1-3 2-250 lbs. 51.50-52.25, No. 2-3 190-270 lbs. 48-51.50. US No. 1-3 300-720 lbs. sows 42.00-50, No. 1-3 275-600 lbs. 36.00-42. Boars 30.00-44.00.

FEEDER PIGS 548. US No. 1-3 15-20 lbs. feeder pigs 7.00-10 per head, No. 1-3 20-35 lbs. 9.00-19, No. 1-3 35-50 lbs. 17.00-31, Utility 50-65 lbs. 28.00-35 per head.

SHEEP 19. Few Choice 100-105 lbs. wooled slaughter lambs 58.00-62. Few Slaughter ewes 7.00-20.00

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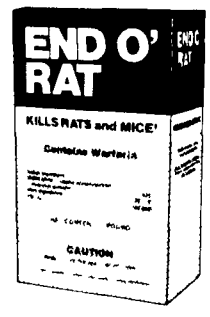

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NEXT SALE DATE FEBRUARY 17

Livestock market and auction news

Due to the holidays, no market reports available from Virginia

Oklahoma Cattle

Wednesday, January 4

Estimated Receipts: 5500
Same Day Last Week: 276

Feeder steers and heifers under 600 lb. 1.00-1.50 lower; demand light. Weights over 600 lb. steady; demand good. Bulk supply medium and large frame 1 and mixed 1-2 400-900 lb. feeder steers and 350-700 lb. heifers. Recent record breaking cold weather has damaged winter pastures. Extent of damage unknown as nice weather returns but prices of grazing cattle have been affected.

FEEDER STEERS: Medium and large frame 1 340 lb. 66.50; 400-500 lb. 64.80-69.50, couple lots 70.00-71.75; 500-700 lb. 64.50-67.50, lots thin and gaunt 620 lb. 68.10; 690 lb. 67.80, 785 lb. 66.30; 700-800 lb. 64.00-66.40; 800-925 lb. 62.60-64.20, very fleshy 880-890 lb. 61.40-61.80. Small frame 1 350-525 lb. 55.00-60.25.

Medium and Large Frame Mixed 1-2 350-600 lb. 60.25-67.00; 600-800 lb. 60.50-65.00 mostly 62.00 up; Lot 825 lb. 62.00.

Medium and Large Frame 2 450-650 lb. 57.20-63.00; Holsteins 580 lb. 41.30; 600-700 lb. 44.10-47.10; 790 lb. 45.50; 825 lb. 47.25.

FEEDER HEIFERS: Medium and Large Frame 1 350-500 lb. 53.50-56.80; Lots thin and gaunt 450 lb. 56.80; 565 lb. 60.40; 500-600 lb. 55.70-57.70; 600-700 lb. 57.00-60.00, Lot 640 lb. 60.90; 700-825 lb. 56.80-58.60.

Small Frame 1 300-550 lb. 45.25-51.00.

Medium and Large Frame Mixed 1-2 225 lb. 45.25; 300-500 lb. 50.25-54.10; Medium and Large Frame 2 350-500 lb. 45.25-50.25.

Thursday, January 5

Weekly Cattle Summary

For the week, feeder steers and heifers under 600 lb. steady; over 600 lb. 1.00-2.00 higher. Prices on cattle suitable for grazing affected by recent cold damage to winter pastures. Slaughter cows 6.00-7.00 lower. Bulls steady to 1.00 lower. Late sales breaking-utility and commercial 2-4 slaughter cows 31.30-34.20; cutter and boning-utility 1-2 30.40-34.20; Canner and low-cutter [illegible] 29.60. Bulls brought - YG 1-2 1500-2050 lb. 50.00-53.00, individual 55.00; 1200-1500 lb. 45.00-50.00. Salable receipts this week near 10,600 compared to 670 head last week and 13,405 the comparable week one year ago. Cows and bulls comprised an estimated 13 percent of total run.

Westminster Livestock Auction

Westminster, Md.
Tuesday, December 27
Report supplied by auction

BUTCHER COWS: .50 higher on good run! High Yield 39.75-41.50, one to 43.25; Standard & Utility 36.00-39.50; Canners 32.00-36.00; Shelly 31.00 down. Slaughter Bulls- One Good 1520 lb. at 50.50. Fed Steers- Choice Y.G. 3-4 59.75-65.25; Good 57.00-59.50; Holsteins to 50.50. Fed Heifers- Few Good 49.00-56.75.

BUTCHER HOGS: None offered. Sows- US 2&3 295-450 lb. 32.00-43.00, mainly 37.00-39.50.

VEAL CALVES: Good & Choice 74.00-83.00; Standard 50.00-60.00; Stocky & Thin 30.00-40.00; Killers 80-100 lb. 40.00-50.00; Weak & Rough 35.00 down.

CALVES RETURNED TO FARM: $5.00 higher. Holstein Bulls- 95-125 lb. 60.00-90.00. Beef Type- Few 120 lb. 55.00-60.00.

LAMBS: Choice 80-115 lb. 52.00-59.00; Good 55-95 lb. 44.00-50.00; Goats 30.00-55.00 per head.

STOCK CATTLE: Light run. Steers- Good 850-975 lb. 55.00-58.50; Holsteins 46.00-48.00. Heifers- Few Good 300-650 lb. 42.00-48.00. Bulls- Few Good 350-500 lb. to 51.50.

PIGS AND SHOATS: Larger run! By the Head- 15-35 lb. 8.50-18.00; Few 50-60 lb. 20.00-25.00.

Valley Livestock

Valley Stockyards
Athens, Pa.
Monday, January 2
Report supplied by auction

Holstein Hfr. Calves to 55.00; Veal Calves No good veal calves; Vealer Bull Calves 65.00-108.00; Slaughter Calves 42.00-55.00; Grassers & Feeders 34.00-45.00; Lambs 42.00-52.50; Sheep 12.00-24.00; Hogs, 200 to 250 45.00-53.50; Sows 34.00-40.00; Boars 23.00-27.00; Pigs 5.00-25.00; Heifers 34.00-43.00; Steers No top steers; Steers, feeder 37.00-44.50; Bulls 41.00-48.75; Cows, utility 36.00-38.75; Cows, fat 34.00-37.00; Cows, medium 32.00-33.50; Cows, poor or small 25.00-28.00; Cattle Market steady; Calf Market back to farm higher; Horses small to 105.00; Ponies none; Goats 16.00-68.00; Hay 75.00 to 100.00 per ton.

St. Louis Cattle

Thursday, Jan. 5

Weekly Cattle Review

Receipts this week 5,400; Last week 2,500; Last year 5,400.

Compared to last week's close, slaughter steers and heifers mostly 1.00 lower. Cows 4.00-5.00 lower. Bulls mostly 2.00 lower. Slaughter supply mainly choice and mixed good and choice slaughter steers, around 25% heifers and 30% cows.

* Note: A substantial increase in the marketings of dairy cows was very apparent this week.

SLAUGHTER STEERS: Choice, few prime 2-4 1050-1200 lbs. 65.50-66.00. Choice 2-4 950-1225 lbs. 64.00-65.50. Mixed good and choice 2-3 900-1150 lbs. 63.00-64.50. Good 2-3 900-1175 lbs. 61.00-63.00. Mostly good 2-3 1050-1300 lb. holsteins 52.00-57.00. Few lots standard 985-1175 lbs. 42.00-47.25.

SLAUGHTER HEIFERS: Choice, few prime 2-4 875-1050 lbs. 63.50-64.00. Part load 64.25, package 64.50. Choice 2-4 850-1050 lbs. 62.00-63.50. Mixed good and choice 2-3 800-950 lbs. 60.00-62.00. Good 2-3 750-950 lbs. 57.00-60.00.

COWS: (Closing Week Sales) Breaking Utility and Commercial 2-4 31.00-33.00. Cutter and Boning Utility 1-2 31.00-33.00. Few high yielding boning utility 1-2 mostly 33.00. Canner and low cutter 1-2 28.00-31.00. Shelly canner 1-2 24.00-28.00.

BULLS: Yield grade 1-2 1050-1800 lbs. 40.00-44.00.

Wednesday, January 5

Wednesday's weekly sheep auction. Receipts around 450 head. Slaughter lambs firm. Feeder lambs 1.00-2.00 higher than last week.

SLAUGHTER LAMBS: Mixed choice and prime wooled 100-130 lbs. 56.50-61.50. Shorn with No. 1 and 2 pelts 100-130 lbs. 59.00-64.50.

FEEDER LAMBS: Choice and fancy 70-100 lbs. 56.50-61.50.

FEEDERS: (Including about 1700 at the Regular Thursday Auction.) Trading moderately active. Feeder steers and heifers firm.

FEEDER STEERS: Medium and Large Frame 1: 400-600 lbs. 55.00-62.00. One lot 429 lbs. 68.50; 600-1,000 lbs. 59.00-64.00.

Large Frame No. 2 Holsteins: Few 500-800 lbs. 40.00-40.50.

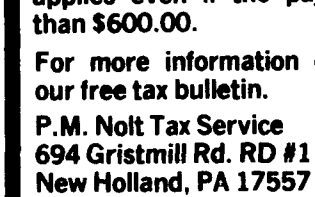
Greencastle Livestock

Greencastle, Pa.

CATTLE: Butcher Steers - Choice 66.00-68.00; Butcher Steers - Medium - Good 52.00-66.00; Butcher Heifers - Medium - Good 43.00-62.50; Butcher Cows - Utility - Good 35.00-38.50 few to 41.00; Butcher Cows - Canners and Cutters 32.00-37.50; Butcher Cows - Shells 32.00 down; Stock Steers - Medium - Good up to 60.00; Stock Heifers - Medium - Good up to 52.00.

CALVES: Medium-Good Calves - 160-220 lbs. 80.00-106.00; Medium-Good Calves - 125-160 lbs. 65.00-90.00; Medium-Good Calves - 100-120 lbs. 50.00-70.00; Medium-Good Calves - 80-100 lbs. 45.00-55.00; Holstein Bull Calves up to 95.00; Holstein Heifer Calves up to 61.00; Light and Green Calves down to 30.00.

HOGS: Good-Choice Butcher Hogs 190-225 lbs 47.00-50.50; Good-Choice Butcher Hogs 225-250 lbs. 50.00-52.25; Good-Choice Butcher Sows 400 lbs., up to 44.50; Good-Choice Butcher Sows 400 lbs., up to 31.75; Pigs - Per Head 9.00-26.00.



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IMPORTANT NOTICE
to all farmers and business owners

In last week's Lancaster Farming on page C7 we discussed some additional bookkeeping that has to be done in January for 1983 payments.

Starting January 1, 1984 you will not only be a "tax enforcer" you will also have the job title "tax collector".

In 1984, whenever you make a payment for such items that would require a form 1099 the person must furnish his Social Security number before you pay him. OTHERWISE you are required to withhold 20% of the bill, and send it to the Internal Revenue Service as tax. This applies even if the payments are less than $600.00.

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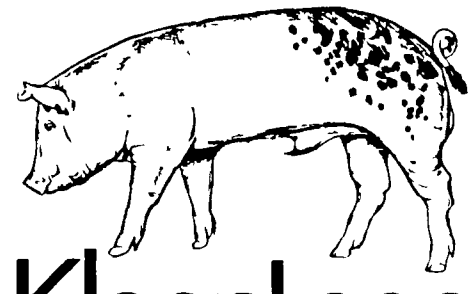

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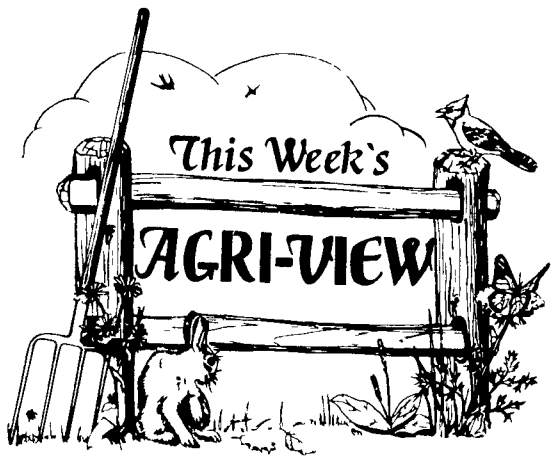


Competitive caring, sharing makes difference

BY DICK ANGLESTEIN

It's a scene typical of Farm Show.

Just after the selection of a grand champion, a wellspring of emotion and enthusiasm gushes forth. This genuine expresssion of emotion and happiness engulfs not only the youthful exhibitor, but parents and other relatives, friends, new-found acquaintances and fellow competitors.

One such scene comes particularly to mind

First, the young man with the grand champion market lamb burst into tears A tearful mother was the first to reach him. Jubilant emotion was next expressed by his father and younger sister The exhibitor of the reserve champion showed that she too truly shared in his moment. Her father offered his sincere congratulations. And on through a number of other people, this expression of mutual joy and happiness flowed

This is what makes competition in agriculture so much different from the competitive nature of other walks of life.

Let's call this difference competitive caring and sharing.

Eveyone enters a competition with the hope of winning. But in ag once the winner is named, the competitive aftermath takes on these characteristics of caring and sharing

The mutual expression of happiness and congratulations are very real in ag. It's not like the trite cliches spoken by coaches and players following a sports win. Before they are even interviewed, you know exactly what they're going to say While accepting congratulations with phony humility, they always cite the "great team" they just managed to beat -- even though the score may have been 50 to 0

But in ag what generally happens after the grand champion is named is a true, spontaneous outpouring on behalf of the winner. It's something that can't be scripted and rehearsed like those winning interviews after a football game.

In ag, the fellow competitors and others appear to really care about the winner and his or her good fortune. And, thus they truly share in the competitive honors received.

This sharing also goes well beyond those who may be in the showring and the relatives and friends standing closeby.

Additionally sharing in the honor of a grand champion may be a multitude of others not even present at the show. There could be an older brother or sister who helped the winner get started in competition. Or, an FFA advisor or 4-H club leader. Perhaps, a county agent Or, an older neighboring farmer who offered advice Possibly even the farmer who bred the winning animal and helped in its initial selection This list can go on and on

Due to this mutual expression of caring and sharing, it really proves the old adage there are no losers in ag competition. Any fellow competitor who feels he or she has shared in another's winnings and has learned from watching another be successful is a winner, too

This competitive caring and sharing in ag contests did not develop just by chance either. It is symbolic of agriculture and those engaged in it

In day-to-day production agriculture, farmers compete with each other for markets and in other ways. But while competing, it is rare indeed to find anyone in agriculture who isn't willing to share his or her knowledge and experience with others -- particularly with youth

This competitive caring and sharing is just another of those things that make agriculture different and better.

Learning to compete is a lesson in itself. But being competitive in a caring and sharing way is a higher lesson about living in which everyone in agriculture can take pride

THE BIBLE SPEAKS

BY LAWRENCE W ALTHOUSE

YIELDING WILD GRAPES

January 8, 1984

Background Scripture:
Isaiah 5.
Devotional Reading:
Isaiah 24:1-13.

There is no commentary on us and and our world more appropriate than this comment from the Book of Isaiah:

And he looked for it to yield grapes,
But it yielded wild grapes.

In this simple analogy of the vineyard and the grapes there is caught a wealth of understanding about our human situation. God is like the loving and dedicated vinedresser and we are the vineyard.

MY BELOVED

There is a marked contrast between the vinedresser and his vineyard. The vinedresser loves his vineyard and he lavishes upon it his best concern and care digging and clearing it of stones, planting it with "choice vines," building a watch tower in the midst of it, and hewing out a wine vat. The vinedresser has done all he can do. Now it is up to the vines.

Yet, even while he waits for the vines to produce grapes, he does not wait passively, but expectantly. He knows what he wants and he looks for his vineyard to fulfill his expectation: "He looked for it to yield grapes" (5:2).

And as it is in Isaiah's "Song of the Vineyard," so it is with God and his people. On his part, God does so much to guide us toward the fulfillment of his purpose. Like the vinedresser, he has his expectatio... us.

Most of all, however, it is a relationship characterized by love. A human being is more than a mere thing that God manipulates for his own purposes. To be human is to be God's beloved.

MY VINEYARD

That is not the end of the analogy, however. For, as the vineyards of the loving vinedresser often yielded wild grapes and thus disappointed him, so we too are often distressing to our God because we fail to produce the fruit that he looks for in our lives.

This is not just the case of grapes that don't live up to the vinedresser's exacting standards, but of grapes that are bitter and useless. It is much more than disappointment for God, but profound sorrow. "What more was there to do for my vineyard, that I have not done in it?" (5:4).

It is interesting to note that Isaiah asks the people of Judah to judge their own infidelity: "Judge, I pray you, between me and my vineyard." It is that same challenge that Isaiah lays upon us today.

Each of us may look to our own lives and ask that age-old question: "Why did it yield wild grapes?"

Farm Calendar

Sunday, Jan. 8
Farm Show opens. Continues through Friday.
Farm Youth benefit night at the Farm Show.

Monday, Jan. 9
Secretary of Agriculture night at the Farm Show.
Milk Diversion Program meeting at 12:30 p.m. at Price, Md., Community Hall.
N.J. Polled Hereford Association at 7.30 p.m. at the Mercer County Extension Center, Trenton, N.J.
Poultry servicemen at 6:30 p m at the Holiday Inn North, Lancaster.

Tuesday, Jan. 10
Flemington County Board of Ag bus trip to Farm Show, leaving Extension center at 7 a.m. and the old A×P parking lot, Clinton, at 7:20 a.m.
Master Farmers night at Farm Show.
Milk Diversion Program meeting at 12:30 p.m. at the American Legion, Chestertown, Md.
Dairymen's banquet at 6 p.m. at the Penn Harris Motor Inn, Camp Hill.

Wednesday, Jan. 11
Horsepulling and sheep to shawl contest night at Farm Show.

Thursday, Jan. 12
Agronomy Day in Chestertown, Md. Begins at 8 a.m.
Del Apple meeting from 7 to 9 p m. in Mt. Pleasant, Del.
Pony Pulling and Bid Calling contest night at Farm Show.

Friday, Jan. 13
Junior market steer, lamb and hog sales at Farm Show.

NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717-394-6851

To Attend Farm Show Events

Time has a way of creeping up on us, and here it is... next week is Farm Show week. The Farm Show will open again this year on Sunday and close on Friday. The theme for this year's exhibition is Agriculture - The Pride of Pennsylvania. Well, we are proud of our agriculture because of the hard work of our family operated farms. And here is an opportunity for our farmers to show the consuming public, the high quality product that's produced on our farms today

Active farmers should recognize the many educational meetings and banquets that are held during the week. Many of these are statewide organizations and should have economic benefits to the producer.

To Be Sure Ice Is Safe For Skating

Farm ponds make great ice skating rinks... that's so long as the ice is strong enough. The general rule on thickness is that two inches will support one person and three inches will support a line of people. Thickness is not always the most accurate guide though. Other factors include color and age. New ice is stronger than old ice. And clear blue ice is stronger than slush ice. Be especially cautious with ponds that are either fed by a spring or have a fast moving current. The thickness of these ponds will vary considerably.

The most important thing is to have rescue equipment at the pond site. It is wise to have a straight ladder, rope and inner tube nearby — it could save a life. I would urge owners of farm ponds to use caution in permitting skating unless the ice is thick enough.

To Separate New Animals

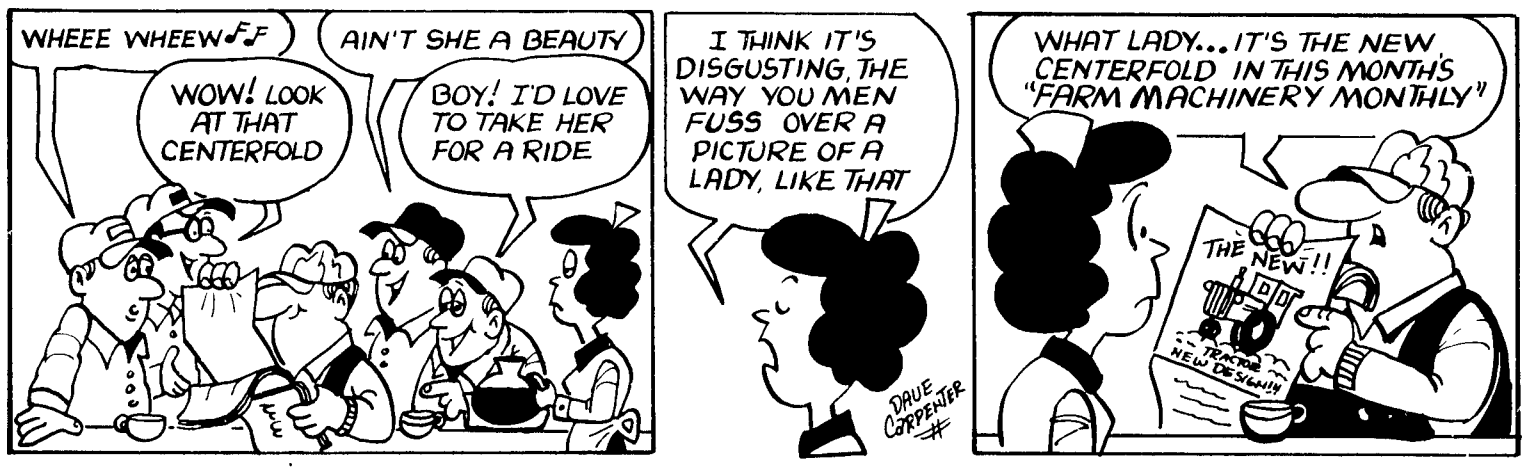
The addition of a new animal to the herd or flock, is a very common practice. However, there is always the chance of bringing new infections into the herd. Too many diseases and problems have been brought by the owner. At this time of year and in this part of the state, the Pa. Farm Show provides an opportunity for showing animals and the purchase of new ones. To those who are exhibiting animals, and to those who might buy a bred gilt, or other animals, I'd say be sure to separate these animals from the rest of the herd or flock for at least 30 days. The other alternative is to treat all animals in the herd or flock for the same infections as the new animal has received.

A special caution to any poultry farmer planning to attend the Farm Show — be sure you and your vehicle are clean when you leave your premise and the same when you return — enough said.

To Transfer Silage

Livestock and dairy producers who have silage stored in temporary structures might be planning to move this feed into upright silos in the next month or so. Many producers use the temporary storage until some of the material is fed out of the upright silo. By transferring into the upright silo, mechanical feeders can be used. The objective is to move the silage in cold months — January and February preferably. When transferring during warm weather (above 50° F) there is danger of more heating of the silage. No preservative should be needed. The faster the material can be moved into the upright silo, the better it will settle and remove the air.

Otis


WHEEE WHEEW
AIN'T SHE A BEAUTY
WOW! LOOK AT THAT CENTERFOLD
BOY! I'D LOVE TO TAKE HER FOR A RIDE
I THINK IT'S DISGUSTING, THE WAY YOU MEN FUSS OVER A PICTURE OF A LADY, LIKE THAT
DAVE CARPENTER
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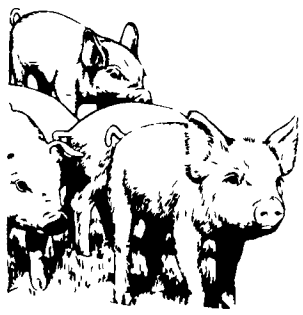
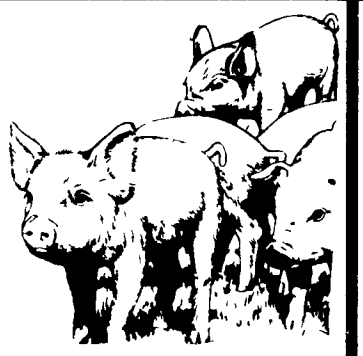


THANKS
and
CONGRATULATIONS
to



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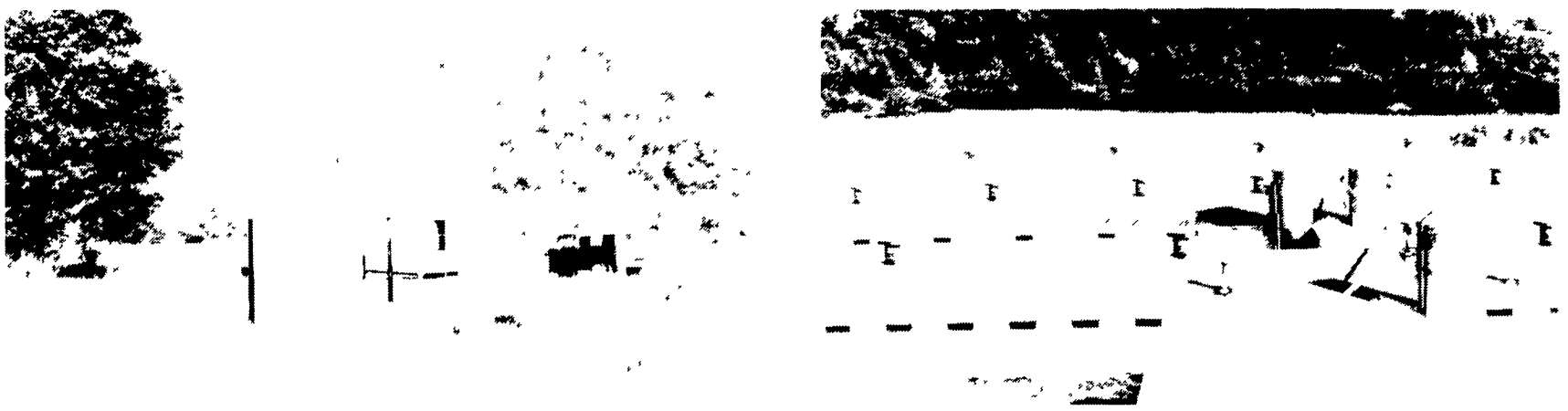
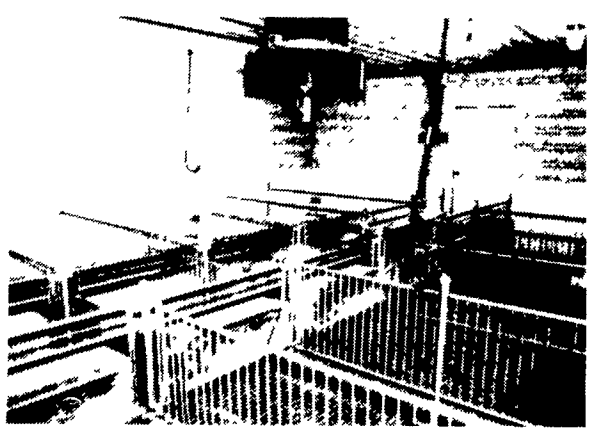
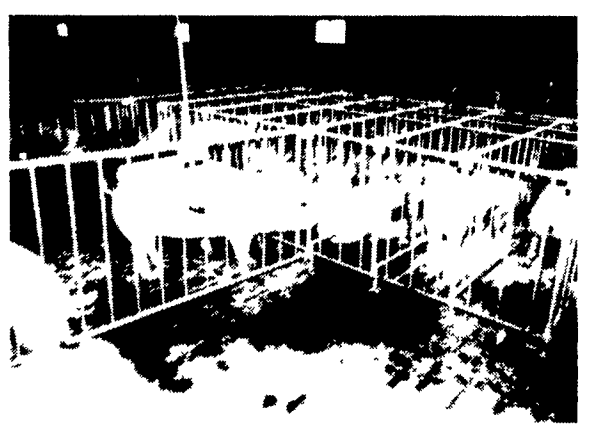


European Farrowing Crates with Total Woven Wire Flooring



Nursery with Total Woven Wire Flooring & Fristamat Ventilation



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BEST IN DESIGN, PRICE AND EXPERIENCE

Livestock market

Belknap Livestock

Dayton, Pa.
Wednesday, January 4
Report Supplied by PDA

CATTLE 130. Compared with last Wednesday's market, slaughter cows fully $4 lower. Couple Good slaughter steers 57.25&58.00. Few Breaking Utility and Commercial slaughter cows 33.25-35.00, Cutter & Boning Utility 30.00-35.50, Canner & Low Cutter 25.00-30, Shells down to 19.00. Individual Yield Grade #1. 1580 lbs. slaughter bull at 45.50, few #2 975-1380 lbs. 39.00-41.25.

FEEDER CATTLE: Medium Frame #1 370-730 lbs. feeder steers 45.50-55.50; Medium Frame #1 330-500 lbs. feeder heifers 38.00-45.25, #2 315-690 lbs. 30.00-35.50, Large #2 300-750 lbs. holsteins 30.00-40.00; Large Frame #2 770-980 lbs. feeder bulls 38.00-43.25.

CALVES 128. Few Choice vealers 82.00-87, few Good 65.00-77, Standard & Good 90-120 lbs. 45.00-53, 60-85 lbs. Utility 45-80 lbs. 13.00-30.00.

FARM CALVES: Holstein Bulls 90-125 lbs. 50.00-90, few Holstein Heifers 90-110 lbs. 50.00-60.00.

HOGS 144. Barrows and gilts $1-$1.50 lower. US No. 1-2 220-240 lbs. barrows and gilts 51.50-53, lot 53.40, No. 1-3 205-255 lbs. 50.00-51.50, few No. 2-3 220-250 lbs. 49.00-50, lot No. 1-3 190 lbs. at 46.25. US No. 1-3 315-485 lbs. sows 40.00-49.50, few No. 2-3 310-510 lbs. 32.00-35. Boars 25.00-27.25.

FEEDER PIGS 59. US No. 1-3 20-35 lbs. feeder pigs 13.50-28.50 per head, few No. 1-3 45-50 lbs. 31.00-33.50 per head.

SHEEP 18. Few Mixed Good & Choice 65-75 lbs. wooled slaughter lambs at 45.00, few Utility 45-50 lbs. 23.50-35.00.

Leesport Auction

Leesport, Pa.
Wednesday, January 4
Report supplied by PDA

CATTLE 326: Supply included 49 feeder cattle. Choice slaughter steers 1025-1355 lbs. slaughter steers 63.50-64.85, few to 66, few Good & Choice 1270-1430 lbs. 55.00-59.25, Good 55.50-64.00, Standard 49.00-53.00, few Utility & Low Standard 44.35-46.25. Few Choice slaughter heifers 62.35-64.50, few Good 49.00-52.75, few Standard 42.00-47.00. Breaking Utility & Commercial slaughter cows 34.00-36.25, few 39.50, Low Dressing 32.00-33.85, Cutter & Boning Utility 32.75-35.00, few 37.50, Canner & Low Cutter 27.50-33.00, Shells downt o 23.50. Good & Choice slaughter bullocks 52.50-59.00, Standard 48.00-50.75. Few Yield Grade #1 1200-1700 lbs. slaughter bulls 46.50-50.85.

FEEDER CATTLE: Few Medium Frame #1 410-650 lbs. feeder steers 50.00-56.00; few Medium Frame #1 460-650 lbs. feeder heifers 36.50-47.00.

CALVES 178: Choice vealers 90.00-104.00, individual Prime at 108.00, Good 70.00-86.00, few Standard & Good 110-130 lbs. 50.00-68.00, 90-110 lbs. 45.00-50.00, 70-85 lbs. 35.00-44.00, Utility 90-115 lbs. 35.00-42.00, 60-85 lbs. 25.00-32.00.

FARM CALVES: Holstein Bulls 90-130 lbs. 50.00-101.00, mostly 60.00-92.50.

HOGS 307: US No. 1-2 210-250 lbs. barrows and gilts 49.00-50.25, No. 1-3 200-250 lbs. 48.50-49.25, few downt to 48.00, few No. 2-3 240-280 lbs. 46.50-47.35. Few No. 1-3 175-180 lbs. 42.00-43.00. US No. 1-3 300-560 lbs. sows 40.00-41.00, few 46.00, few Medium 265-470 lbs. 35.00-39.75. Individual Boar at 29.50.

FEEDER PIGS 419: All sales per hundredweight basis. US No. 1-3 25-50 lbs. feeder pigs 55.00-66.00, No. 1-3 50-85 lbs. 51.00-55.00, few No. 1-3 125-165 lbs. 36.50-41.50, Utility 20-70 lbs. 40.00-46.00.

SHEEP 84: High Choice & Prime 40-75 lbs. wooled slaughter lambs 60.00-72.50, Choice 65-95 lbs. 50.00-59.00. Slaughter sheep 10.00-23.00.

Omaha Cattle

Thursday, January 5

Weekly Cattle — Slaughter steers and heifers closed this week 50-1.00 lower as compared to last week's ending trade, with declines in the wholesale beef trade providing the impetus for the decline. Demand for mostly choice steers weighing over 1100 lbs. and same grade heifers over 975 lbs. was consistently good, while lighter weight "short-fed" kinds very difficult to move. A continued enlarged movement of "weather stressed' kinds combined with an urge by feeders to move cattle from increasingly muddy feedlots resulted in enlarged numbers of these "short fed" kinds. A liberal supply of cows was discounted 3.00-5.00, in line with losses on cow beef of up to 9.00. Light supply bulls steady.

Steers comprised 44 pct of the week's receipts, heifers 34 pct; cows 14 pct; feeders 7 pct. Estimated 4 day receipts this holiday week 8,800; actuals for last week 8,927 and last year 11,498.

STEERS: Two loads choice 2-3 near 1325 lbs. 68.25. Load choice, few prime 2-4 near 1250 lbs. 68.00. Choice 2-4 1050-1250 lbs. 66.00-67.00, several loads to 67.50. Choice 2-3 950-1050 lbs. 62.50-64.00. Mixed good and choice 2-3 1050-1150 lbs. 64.00-65.75. Few good 60.00-64.00.

HEIFERS: Choice 2-4 950-1100 lbs. 64.00-65.50. Choice 2-3 900-950 lbs. 62.00-64.00. Mixed good and choice 2-3 900-1000 lbs. 62.00-64.00 good 59.00-61.50.

Average of LS 214 detailed quotations for 900-1100 lb. choice steers 65.00; 1100-1300 lbs. 67.12. Average cost steers 65.56, average weight 1133 lbs; as compared 65.84 and 1121 lbs a week ago. Average cost heifers 64.11, average weight 1005 lbs; as compared 63.85 and 983 lbs. a week ago.

COWS: Breaking utility and commercial 2-3 28.00-30.00, few high dressing to 32.00. Cutter and boning utility 1-3 25.00-30.00. Canner and low cutter 20.00-25.00.

BULLS: Few 1-2 1100-1800 lbs. 40.00-44.00.

Hog seminar planned

YORK — York pork producers will look at some new methods of hog production during a seminar set for Jan. 23 at the county's 4-H Center.

Beginning at 7 p.m., the swine production seminar will feature Penn State's Matt Parson, livestock specialist, with the latest ideas and recommendations on efficient operation of hog setups.

A follow-up presentation by extension veterinarian Dr. Larry Hutchinson will take a look at the presentation of swine diseases and health problems.

All interested pork breeders and growers are invited to attend the session, sponsored by the York County Pork Producers Association. Light refreshments will be served following the educational presentations.

Swine producers also have a banquet planned for late spring, according to chairman Ron Trostle. Blymire's Church, near Dallastown, is the planned site for the family-style dinner, with final date to be announced later.

At their recent meeting, Pork Association directors reviewed promotion activities of the past year.

CAMBRIDGE AGRI-HEATER

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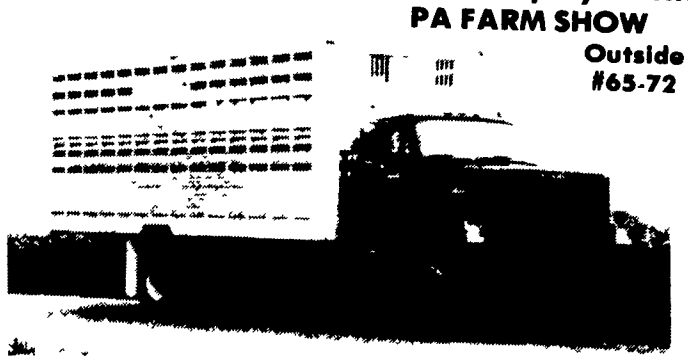

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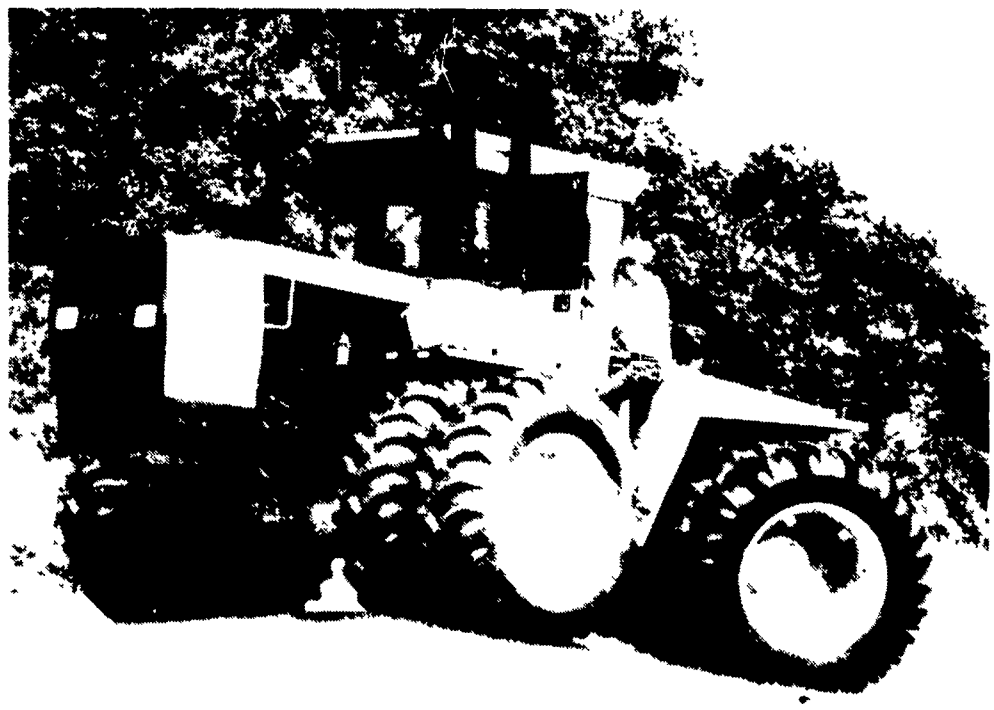

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Tobacco show winners named

BY LAURA ENGLAND

LANCASTER — The competition was tough, but when the judging was over a Lancaster father and son and a Washington Boro young woman were named champions of the Lancaster County Tobacco Show.

Exhibiting quality hands - a sample containing 15, uniform tobacco leaves - Henry F. Barley and his son, Jeff, of R2 Lancaster, and Judy L. Burkholder, of R1 Washington Boro, won their respective classes. It was the first time for all three competitors to win the championship awards.

Henry Barley, a fulltime farmer, picked his winning entry from among the 60 acres of tobacco he grows on his farm. Winner in the wrapper class, Barley's entry was a new tobacco variety called Penn Joy. The variety was released last year from the Southeast Research Farm, Landisville, which is operated by Penn State University.

Barley attributes the color, texture and stretch of his entry for the championship win. The tobacco variety, he said, could be processed into either chewing or smoking tobacco.

Barley's son, Jeff, a member of the Penn Manor FFA Chapter, won the overall filler class. Jeff also received top class honors in the FFA filler and wrapper contests.

A high school senior, Jeff has competed in the Lancaster County contest for four years. In previous years, he has placed anywhere from first to fourth in his classes, but said this year is the first for an overall championship.

In selecting his hand for the contest, Jeff said he was looking for leaves with uniform length and very little green color.

Nineteen-year-old Judy Burkholder won the smoking class with her Maryland type entry. Farming six acres of tobacco, Judy grew the Maryland type for the first time this year and was able to enter it into the contest because of class changes.

According to County Extension Agent Arnold Lueck, the Maryland type was included in the contest this year. Most tobacco growers raise Pennsylvania Type 41 tobacco, but changes in the tobacco market have seen an increase in the Maryland type, Lueck said.

"The market has changed over the years," he said, "and the tobacco grown depends on what types are moving through the trades."

Lueck said that the judges had some trouble in judging the Maryland class because of the exceptional good quality of the entries. To compensate for this, a number of entries received honorable mention. Normally, six placings are given.

Overall, this year's competition was "pretty well on par with past contests," Lueck said. The number of entries was down from last year - 160 to 125 - this partly due to variations in weather and growing conditions, Lueck added.

The Lancaster County Tobacco Show, held at the Farm and Home Center, is a preliminary contest to the Farm Show competition. This gives an idea, Lueck said, of how the county winners might place at the Farm Show.

Judging this year's contest were Melvin Brenner of General Cigar, Les Whitmore of American Cigar and Tobacco, Jeff Ranck of Domestic Tobacco, and Stanley Goldstoff of General Cigar - all from Lancaster.

Cash prizes were awarded to the top six placings in each class. Following are the top three winners of each class:

Pennsylvania Type 41

Wrapper 1 Henry F Barley 2 David M Cassel 3 Gary R Neff Filler 1 Neff Bros , 2 Dawn M Rohrer 3 Dale Shellenberger

Maryland Type

Bottom 1 Bob Burkholder 2 Kandy Rohrer, 3 Judy L Burkholder Middle 1 Judy L Burkholder 2 Marlin L Cassel, 3 Gary R Neff Top 1 Ken Borley 2 Gary R Neff, 3 Jere Hoover

4-H

Wrapper 1 Kevin Witmer Filler 1 Kevin Witmer

FFA

Wrapper 1 Jeff Barley 2 Tammy Barley 3 Laurie Barley Filler 1 Jeff Barley, 2 Geary Bitts 3 Kevin Bauman Bottom 1 Jeff Barley, 2 Mike Acord 3 Kevin Bauman Middle Michael Cassel, 2 Jeff Barley 3 Brian Herr Top 1 Dannel Hess, 2 Brian Herr, 3 Mike Acord

Grand Champions

Smoking, Judy L Burkholder, Wrapper Henry F Barley Filler Jeff Barley, Youth Michael Cassel

Champions of the Lancaster County Tobacco Show are, from left, Jeff Barley, filler; Henry F. Barley, wrapper; and Judy L. Burkholder, smoking.

Weekly Summary

Fri., Jan. 6

Report Supplied by PDA

CATTLE: 5184. Compared with 5478 head last week, and 5699 head a year ago. Compared with last week's market:

Slaughter steers steady to 2.00 lower; Sl. heifers weak to 2.00 lower; Sl. cows 1.00-3.00 lower; Sl. bullocks steady to 1.00 lower; Sl. bulls steady to 2.00 lower. Sl. steers: High Choice & Prime No. 3-4, 68.50-71.85; Choice NO. 2-4, 63.00-71.00; Good 58.00-64.50; Standard 49.00-57.00. Sl. heifers: Choice 59.50-65.50; Good 53.00-58.50; Standard 45.00-53.00. Sl. cows: Utility & Commercial 33.75-38.85; Cutter & Boning Utility 30.00-36.00; Canner & L. Cutter 26.00-33.50; Shells down to 19.00. Sl. bullocks: Choice 59.00-62.75; Good 55.00-59.00; (few) Standard 48.00-50.75. Sl. bulls: Yield Grade No. 1, 1000-2250 lbs. 45.00-50.85; Yield Grade No. 2, 900-1500 lbs. 39.00-47.00.

FEEDER CATTLE: Steers, Medium Frame No. 1, 300-650 lbs. 38.00-45.25; Medium Frame No. 2 300-700 lbs. 30.00-35.50.

CALVES: 4109. Compared with 3020 head last week and 4206 head a year ago. Vealers steady to 5.00 lower. (few) Prime 100.00-116.00; Choice 80.00-93.00; God 65.00-86.00; 110-130 lbs. 50.00-68.00; 90-110 lbs. 40.00-53.00; 65-90 lbs. 35.00-45.00; Utility 50-110 lbs. 25.00-43.00.

FARM CALVES: Hol. Bulls 90-130 lbs. 50.00-105.00; Hol. Heifers 90-135 lbs. 50.00-83.00.

HOGS: 4622. Compared with 5786 head last week and 5272 head a year ago. Barrows and gilts weak to 2.50 lower. US No. 1-2 200-245 lbs. 50.50-53.50 No. 1-3 200-250 lbs. 49.00-51.50; No. 2-3 200-280 lbs. 46.00-50.00, few 275-350 lbs. 43.00-46.00; No. 1-3 140-190 lbs. 40.00-46.50; Sows 1.00-4.00 lower. US No. 1-3 300-600 lbs. 36.00-43.00; No. 2-3 300-650 lbs. 28.00-36.00. Boars 27.00-35.00.

FEEDER PIGS: 1990. Compared with 1014 head last week a year ago. Feeder pigs steady to 3.00 lower. US No. 1-3 20-35 lbs. 8.00-23.00 per head; No. 1-3 35-50 lbs. 17.00-31.00; No. 1-3 50-80 lbs. 28.00-37.50.

SHEEP: 330 Compared with 799 head last week and 469 head a year ago. Mostly 1.00-3.00 lower. Few High Choice & Prime 40-90 lbs. 54.00-72.50. Choice 75-105 lbs. 49.00-59.00; (few) Good 65-115 lbs. 40.00-45.00. Sl. ewes: 10.00-27.00.

3 GRADED FEEDER PIG SALES: 1655. Compared with 1767 head last week, and 2125 head a year ago. All sales by CWT. Feeder Pigs mostly steady to 7.00 lower. US No. 1-2 25-40 lbs. 67.00-83.00, 40-50 lbs. 53.00-75.00, 50-60 lbs. 59.00-70.00, 60-90 lbs. 47.00-58.00; US No. 2-3 25-40 lbs. 76.50-80.00, 40-50 lbs. 41.00-55.00.

N.J. holds seedling sale

FLEMINGTON, N.J. — The New Jersey Bureau of Forest Management is encouraging landowners to plant trees in a reforestation/conservation program. They have a special seedling sale running now until Feb. 1.

To qualify, you must own a mimimum of 5 acres and plant a minimum of 500 seedlings for reforestation or conservation purposes. "Reforestation and conservation purposes mean that trees are planted for the production of timber products, protection of watersheds, soil erosion, and screens for windbreaks, or aesthetics," says Elaine Fogerty, Hunterdon County Agricultural Agent.

The species available for the 1984 seedling sale include conifers and deciduous trees; many pines, oak, poplar, and larch. The trees required by acre vary with the spacing of the trees. Steve Dietrich, Area Forester covering Hunterdon County can lend additional assistance in that area.

Nearly thirty percent of New Jersey's land is private woodland," with farmland assessment on woodlands being harder to prove, a woodlot management plan through a professional forester is highly recommended, says Miss Fogerty. Steve Dietrich has a list of consulting foresters. Write Bureau of Forest Management, RD 1, Box 999, Franklin, New Jersey 07416. Or call (201) 827-6100.

Delivery dates for the trees can be expected between March 1 and April 15. The pick-up locations nearby include Somerset 4-H Center, Milltown Road, Bridgewater and the Warren County SCD office in Hackettstown.

Order forms for the trees are available through the Cooperative Extension Service, Route 31, Flemington and the Area Forester's office in Franklin.

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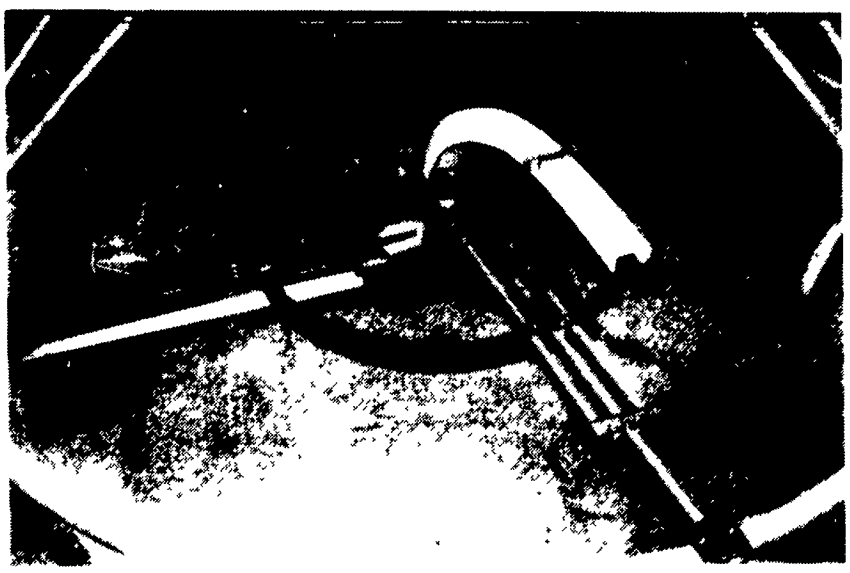

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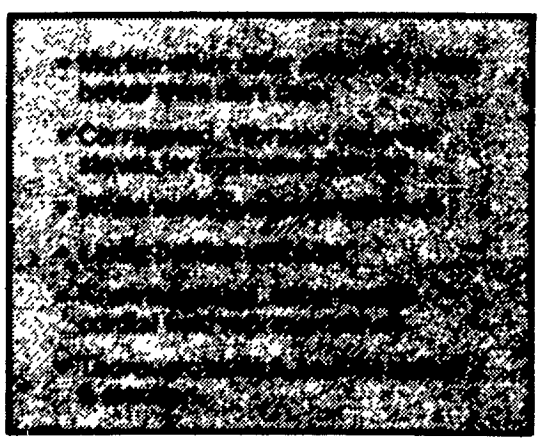

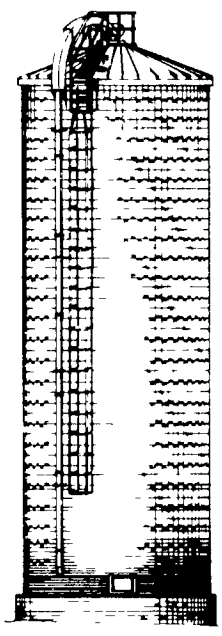

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Grange involved in Farm Show development

HARRISBURG — The Pennsylvania State Grange, a 111-year-old fraternal farm organization with the largest rural membership of its kind in the state, played a key role in the creation of what we now know to be the popular annual State Farm Show in Harrisburg.

Because the "State Corn Show" started in 1917 and grown in popularity and outgrown its facilities, the Pa. State Grange launched a movement the fall of 1920 for the establishment of a State Fair to encompass a wide area of agriculture. An article in the Pa. State Grange News brought it to the attention of then Governor William C. Sproul, who liked the idea, as did several other farm leaders. An Act passed by the Pa. legislature of 1921 created a Fair Commission of eleven members including John A. McSparren, Master of the State Grange at the time. The commission was empowered to formulate plans for establishment, organization and management of a State Fair. The result was the Farm Show.

Every year finds the Grange a major exhibitor and participant in the organization of the Farm Show. At the Grange booth, prospective members are given information, friendships are renewed, and the name GRANGE is placed before the public as thousands of people receive free literature regarding its history, lobbying efforts, and many services.

Historically, the Grange was initiated following the ravages of the Civil War by Oliver Hudson Kelly, a member of the newly formed U.S. Department of Agriculture, who conceived the idea that a fraternal organization, united by farmers, would help improve the economic and social position of the country's farm population. Kelly then acted to form the first official unit of the Grange, with six other founders, called, the Potomac Grange #1 in Washington, D.C. in 1867.

The formation of the first Grange in Pennsylvnaia occurred in 1871 in Lycoming County. The first state Session (a yearly convention at which legislative policy is set and elections take place) was held two years later in Reading. At that time, there were 25 local Granges from 10 counties with delegates representing most of them at the Session.

Today, membership in the Grange totals over 42,000 with 551 local units in 64 counties. Nationwide, membership totals 450,000 organized in 37 states. Pennsylvania holds about 1/10th of the national membership and is one of the largest state Granges. The Grange itself is the second largest farm organization in America and the largest in Pennsylvania.

While known primarily as a farm organization, the Grange opens its membership to everyone, and concerns itself with the well-being of all people, with policy supporting better schools, improved highways, and an equitable form of taxation.

The Grange is the first organization to include women on an equal basis with men, with equal voting priviledges, long before women had voting rights. Children aged 14 and under are also included on an equal basis with the availability of Junior Granges.

The Grange has helped sponsor, without exception, all the major legislation enacted for strengthening agriculture and generally for the well-being of rural America. Many state and national programs, historically, as well as today, such as rural free delivery of mail, an end to rail freight rates that discriminated against agriculture, and in Pennsylvania, proper labeling and standards for oleomargerine, came about with strong lobbying support from the State Grange working in concert with the National Grange in Washington.

In Pennsylvania, the Grange also provides a full line of services for members, such as insurance, credit union, food cooperative, oil and gas leasing, and investment services.

The Pennsylvania State Grange, unique in its historic prominence, can well claim to be one of the originators of the Farm Show, a unique yearly event in the nation.

Lancaster DHIA meetings

LANCASTER — Current economic conditions are forcing dairymen to make some difficult management decisions. DHIA records can be a valuable source of information to help them make more informed decisions.

Several informative meetings have been scheduled to help dairymen learn more about their records, and how to use them. Dairymen are invited to bring their own records and pocket calculators and attend any of the following meetings: January 19th - 1:00 p.m., Union Grove School Ag Room, 7:30 p.m., Solanco High School Ag Room. January 20th - 1:00 p.m., Lancaster Farm and Home Center.

A special meeting is also being held for farmers who are not on DHIA, but would like to learn more about it and what it has to offer them. This meeting will be at 10:00 a.m., January 20th at the Lancaster Farm and Home Center. Anyone who is possibly interested in getting on test should attend this meeting, or contact the Lancaster Extension Office (telephone: 717-394-6851) before the next DHIA Board meeting on January 26th.

Instructors at the workshops will be John Kline, DHIA fieldman, and Glenn Shirk, Lancaster County Extension Agent.

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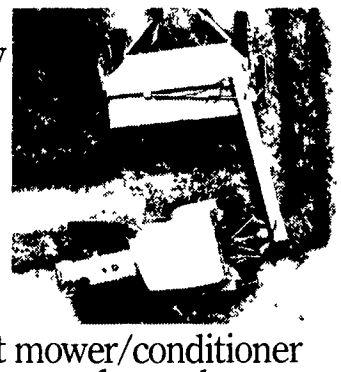

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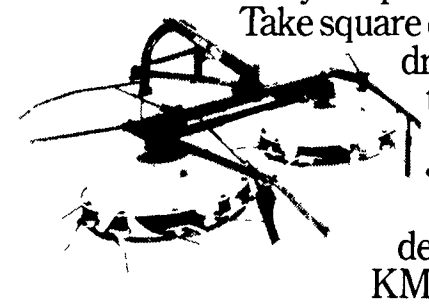

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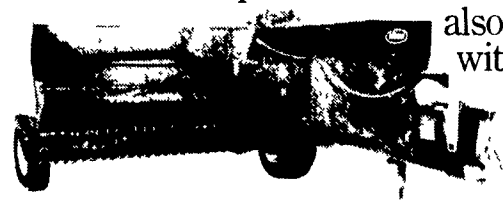

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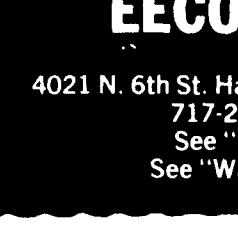

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2300 animal exhibits set at Farm Show

HARRISBURG — More than 2,300 animal exhibits and a record 300 commercial exhibitors will fill the 14-acre Farm Show Complex for the 68th Annual Pennsylvania Farm Show during the coming week in Harrisburg.

Sights and sounds of "Agriculture: The Pride of Pennsylvania" will abound, as exhibitors from across the nation arrive with their prize livestock and latest in farm technology.

"Farm Show animal entries represent the finest that the Pennsylvania livestock growers have to offer," said State Agriculture Secretary Penrose Hallowell. "All are prize animals in their own right. During the show these animals compete for the prestige of being selected champion. This is one of the largest competitive agricultural expositions in the world, with over $150,000 in premiums and trophies," he said.

A breakdown of the livestock exhibits includes: over 150 horse entries; 423 swine entries, with 200 in junior market swine competition; 624 in sheep competition, with 125 in junior action; 472 entered in beef categories, with 101 in junior competition; dairy cattle, the largest, with 499 entries; and 125 in dairy goat classes.

The Secretary noted that the live poultry exhibit which traditionally claims a large share of Farm Show visitors' attention, has been cancelled this year because of the outbreak of avian influenza. However, egg show and dressed poultry classes will be held as usual.

Additional space has been made available in the Farm Show East Hall for more commercial exhibitors. "We have 47 one-time exhibitors at this year's show, who with continuing exhibitors will display an estimated $30-35 million in the most up-to-date farm machinery and other supplies," said Hallowell. The majority of exhibitors have display booths set up in the large four-acre main exhibition hall, and will be grouped together by category for visitor convenience.

State commodity associations will sell some of the finest Pennsylvania farm products, ranging from milkshakes to baked potatoes — Farm Show traditions. These booths and several others sponsored by Harrisburg area churches, will be found along the East wall of the main building.

Milking and mastitis schools

LANCASTER — A two-day Milking and Mastitis Prevention School will be held January 17 and 18, 10:00 a.m. to 3:00 p.m. at the Quarryville Fire Hall.

Mastitis is one of the costliest problems facing most dairymen. Experts estimate losses to be about $200 per cow per year.

This two-day school will help farmers learn more about the nature of mastitis infections. Emphasis will be on prevention and treatment.

The development, support and repair of the cow's udder will be explained along with the phenomenon of milk secretion and milk let-down.

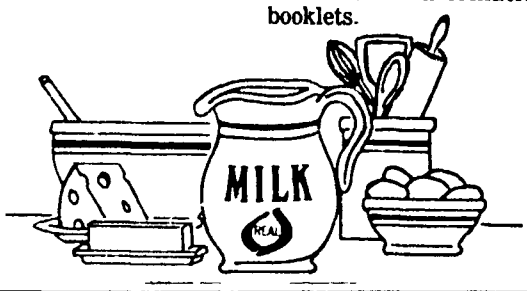
Milking systems and milking techniques will also be discussed. Classroom instruction will be combined with farm visits.

Instructors will be: Dr. Larry Kennel of the Gap Veterinary Associates, Bruce Kreider of the Dauphin County Extension Service and Glenn Shirk of the Lancaster County Extension Service. The three-member team had been trained, along with other teams, to conduct these schools throughout the state.

A second school will be held February 8 and 9, 10:00 a.m. to 3:00 p.m. at the Farm Credit Building, near the Sales Stable in New Holland.

Attendance will be limited at both locations, and reservations will be accepted on a first-come basis. Reservations can be made by calling the Lancaster County Extension Service; telephone (717) 394-6851.

Registration cost is $15. Lunch is not included. Farmers may bring their own lunch, or patronize local restaurants. Participants will receive a packet of helpful reference information and booklets.



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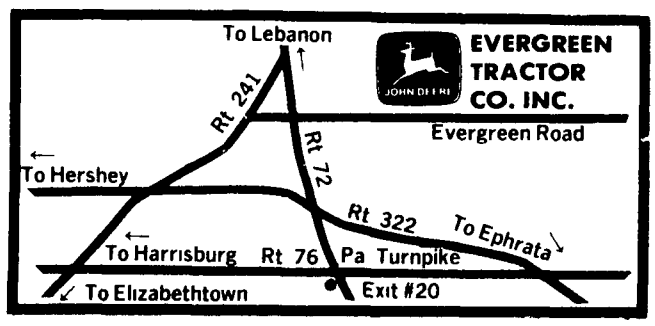

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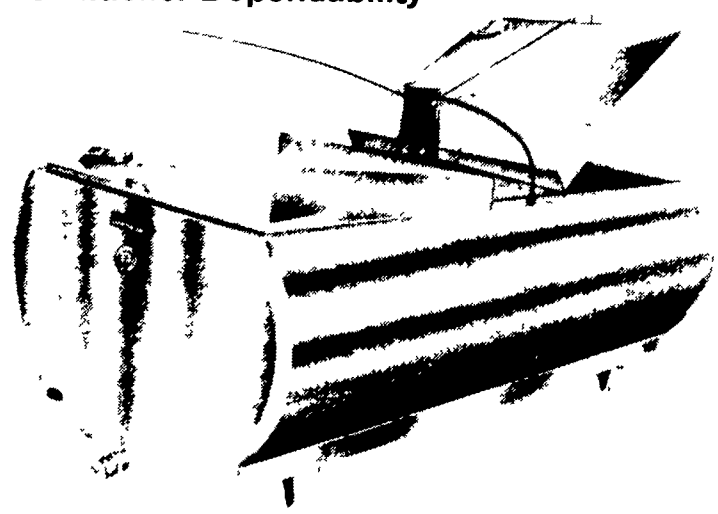

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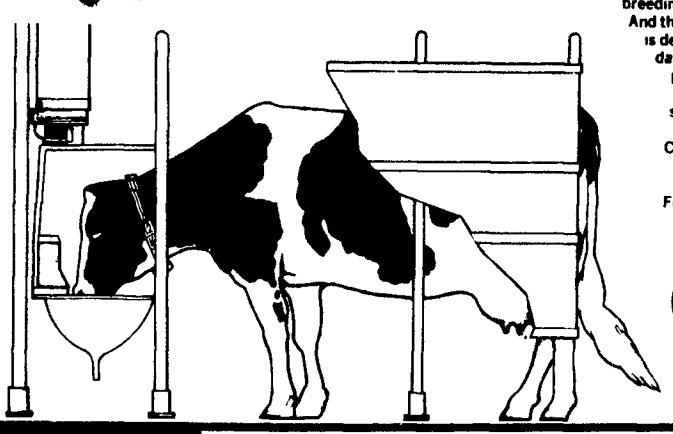

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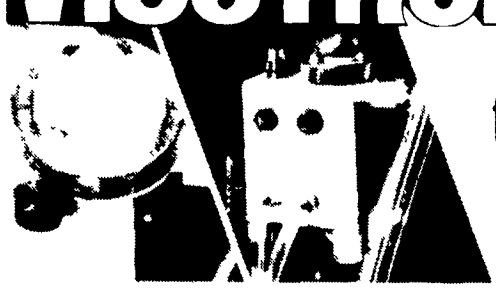

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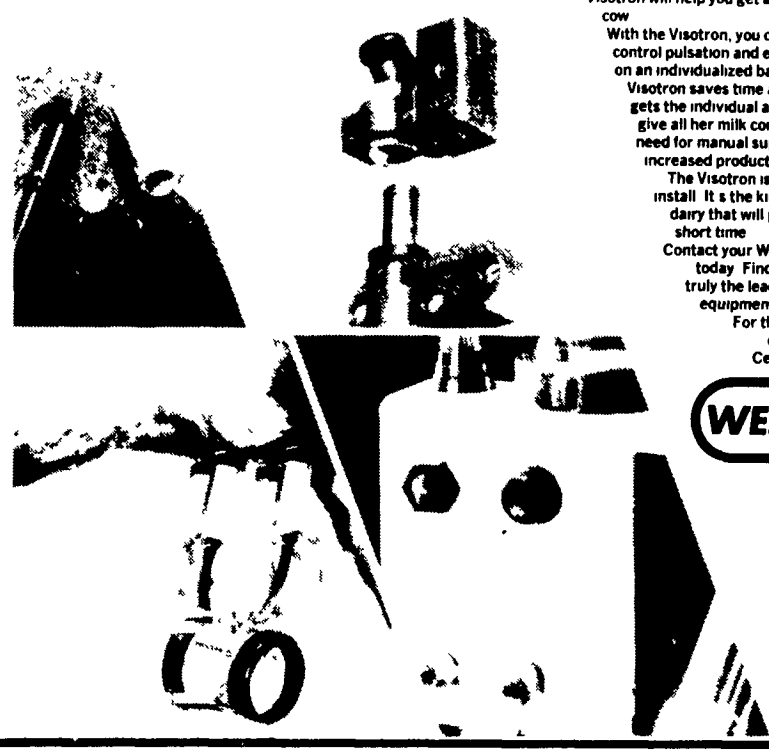

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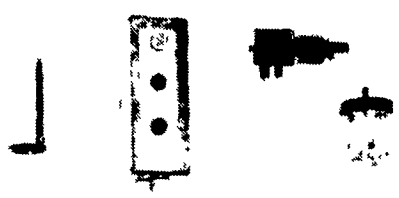

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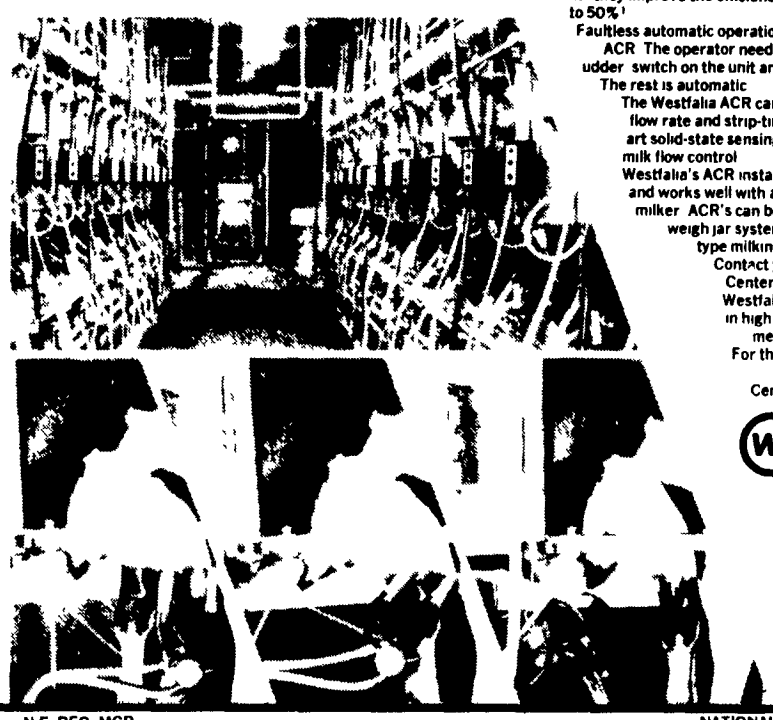

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6 firms nominated for agribusiness award

HARRISBURG — Six Pennsylvania firms have been nominated for the Fourth Annual Pennsylvania Agribusinss Award, according to State Agriculture Secretary Penrose Hallowell. The firms are Gibbles of Chambersburg, Jaindl's Turkey Farm of Orefield, Pennsylvania Cooperative Potato Growers, Inc. of Harrisburg, Phillips Lancaster Swiss Cheese of Gordonville, Riverside Markets of DuBois, and Spring Glen Farm of Ephrata. All six firms have shown outstanding efforts in promotion of Pennsylvania agriculture, according to Hallowell.

The winter of the annual award, given to an agribusiness exhibiting excellence in support of Pennsylvania, will be announced on Monday, January 9, 1984 at 6:30 p m. during the 68th Annual Pennsylvania Farm Show.

"The Agribusiness Award gives recognition to a very important segment of the state's agricultural industry," Hallowell said. "It is fitting to recognize these firms during Farm Show for their overall contribution to agriculture. Agribusiness is as essential to the state's economy as the farmer, with more than 16,000 food retailers and processors employing 200,000 workers and generating $20 billion in sales each year."

The award is based on five criteria, including production of a high quality product adhering to state and federal inspection requirements, and participation in either the "Pennsylvania Agriculture — We're Growing Better" or the "Keystone Pride" logo program. The logo must be incorporated directly on the firm's label, package, shipping carton, or be used extensively in advertising.

Processing firms must use a percentage of raw Pennsylvania products in the final food product, and judges consider additional utilization of Pennsylvania products. Additicnal consideration is given for the amount of time the agribusiness has used the program, is overall effort to promote Pennsylvania products, the marketing area and the number of consumers reached by the firm.

The judges for this year's Agribusiness Award are John Kimbark, managing editor of the Pennsylvania Farm magazine; Sheila Miller, research analyst, Pennsylvania State Senate Agriculture and Rural Affairs Committee; and Rocco Pugliese, executive director of the Pennsylvania Food Processors Association.

Gibbles is a processor of potato chips and snack foods, located in Chambersburg, Franklin County. Jaindl's Turkey Farm in Orefield, Lehigh County, is a poultry breeding, growing and processing operation. The Pennsylvania Cooperative Potato Growers, headquartered in Harrisburg, is a marketing cooperative for tablestock and chipping stock potatoes.

Phillips Lancaster Swiss Cheese Company in Gordonville, Lancaster County, manufactures and distributes a variety of cheeses. Riverside Markets headquartered in DuBois, Clearfield County, is a distribution center with 71 retail food stores. Spring Glenn Farm Kitchen in Ephrata, Lancaster County, processes jam, jellies, relishes, honey and Pennsylvania Dutch specialties.

Lively evening programs planned at Farm Show

HARRISBURG — The Farm Show is a yearling happening that brings fun and excitement to its visitors. The six-day show opening tomorrow is packed with contests, exhibits and fun for all, while giving visitors a lesson in Pennsylvania agriculture. Evenings at the Farm Show bring a different kind of fun as visitors are treated to special entertainment from concerts to pony pulls.

This year's evening program begins tomorrow with Farm Youth Benefit Night and a variety of musical talent including The Original Ink Spots, Al Raymond's Big Band, Miss Pennsylvania Jennifer Lynn Eshelman, and Sassafrass. This is the only event at Farm Show requiring tickets, with proceeds benefitting farm youth activities and program improvements at the Farm Show Complex. General admission tickets will be available Sunday for $4.50. The show starts at 6:30 p.m. after the close of the exhibit halls.

Monday night is Secretary of Agriculture's Night, with Secretary Penrose Hallowell recognizing three award winners: the Farm Show Family of the Year, the Agribusiness of the Year, and the Senior Farm Couple. Monday night also brings the Cumberland County 4-H Horse and Pony Club to the Farm Show arena. The 25 4-H members will demonstrate their expert riding ability, beginning at 7:15 p.m. Also on the Monday night agenda is the hitched-horse competition, with competitors having one to five horses hitched to their wagon.

Tuesday, Master Farmers Night, is highlighted by two events. Beginning at 6 p.m. the Future Farmers of America Band will perform their annual concert under the direction of Dr. Ned Diehl from Penn State University. The 80-member band is composed of FFA members from all over the commonwealth, ranging in age from 14-19 The FFA Band has performed at the State Farm Show for the past 35 years.

Following the FFA Band will be the nation's largest Folk Dance Festival and Contest beginning at 7 p.m. The festival consists of sixty 8-member teams, with three age groups competing for blue, red and white ribbons.

Wednesday night is the Horse Pulling Contest, with both lightweight and heavyweight classes competing. Lightweight teams under 3200 pounds begin at 4:30 p.m. The six-horse hitch competition follows the lightweight division, with the heavyweight horse pulling division following. Twenty-eight teams are entered in the horse pulling.

The Pennsylvania State Sheep or Shawl Contest will begin at 6:00 p.m. in the small arena on Wednesday evening. Teams will shear a sheep, spin the wool into yarn, and weave a shawl before surprised spectators. An auction of the shawls will follow the contest, about 8:45 p.m.

Pony pull lovers won't want to miss Thursday night at the Farm Show. Contests begin at 6 p.m. with twenty-seven teams competing in three weight classes in the large arena. The Bid Calling Contest, sponsored by the Pennsylvania Auctioneers Association, will begin at 6 p.m. in the small arena.

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Andy Cooper, of New Chester, with his Farm Show entry.

Non-farm youth shows hogs; plans to be vet

BY J.B. ROTH

NEW CHESTER — Andy Cooper loves working with swine.

Why?

"Because they are the smartest of farm animals," Cooper said.

Andy, 18, lives on the Hunterstown-Hampton Road, near New Chester and is a member of the Adams County Swine Club. He is a freshman at the Mt. Alto campus of Penn State University, majoring in animal bio-science in preparation to become a veterinarian

He is a three-year member of the Swine Club and this will be the second year he has competed at the State Farm Show. Last year, he finished fifth in his class.

Andy raises purebred Hampshires, but he said that he has cut back his herd since he started college and now only has five sows. Andy's parents, Mr. and Mrs. William D. Cooper, encourage him in his ag vocational goals.

There is a basic difference between Andy and many of other young people that will be exhibiting at the Farm Show and that is that Andy was not raised on a farm and his family are not farmers.

"About three years ago we moved from Abbottstown to this farm. Dad went to Oklahoma State College and got a degree in agricultural education. He used to raise Hampshires in the 50's. Since we moved here, we bought some from Franklin Giesler in Taneytown, Md," he said.

This year's entry, Andy said, is better than last year's. Then, he was in a lightweight class and there was not a lot of competition. This year, the Hamp will weight about 230 pounds, if he can keep its weight down.

"I have been trying to hold his weight back. He weighed 220 pounds two weeks ago. I have been walking him alot and have put him on four pounds of feed a day," Andy said.

Andy's parents are happy that he is planning to be a vet. He said that his dad supports his penchant for swine, but his mom isn't as keen about them.

"I like swine. They do what I want them to do and are not too stubborn usually," Andy said.

The other swine that Andy raises, he sells at the 4-H sale and sells feeders to other kids in the swine club to make money for his education.

Andy only recently made his decision to be a vet. He has talked to a local vet for guidance and information about the profession.

When touring his small compound of pens, the animals quickly came up to him and stuck their snouts out for a nudge from Andy. Although a non-farm youth, this illustrates the relationship he's developed in his chosen vocation.

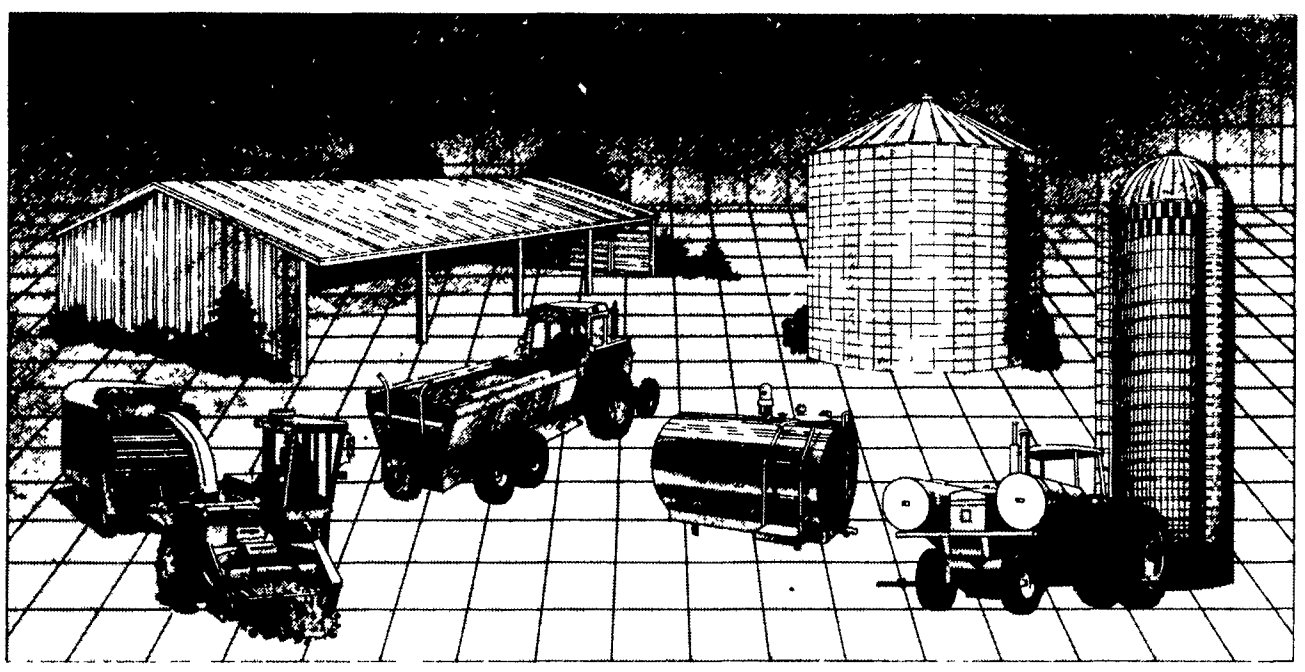
In the top 100 events

HARRISBURG — The best just keeps getting better...The Pennsylvania Farm Show, one of the largest agricultural expositions in the world, has been named to the American Bus Association's list of "Top 100" tourist events on the North American continent for 1984.

The Farm Show, scheduled during the coming week in the Farm Show Complex, joins other top nominees such as the 1984 World's Fair in New Orleans, the Indianapolis 500 and the Canadian National Exhibition in Ontario as "one of the top events to experience during 1984," according to State Agriculture Secretary Penrose Hallowell.

"The Pennsylvania Farm Show has attained a reputation that is well-known throughout the United States and Canada, and attracts visitors from across the nation and dozens of foreign countries every year," Hallowell added.

The ABA's Top 100 list is compiled annually by an independent committee, which takes nominations submitted by tourism directors from throughout the country and the Canadian provinces. Bus operators utilize the selections in planning special motorcoach tour packages. The exclusive list includes events that span the entire year.



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Legacy of J.D. lives on in York County

BY JOYCE BUPP
Staff Correspondent

YORK — Few people who were in the crowd watching the auctioning of the 1983 Farm Show champion steers are likely to forget that experience.

In the center of the arena, 18-year-old Annette Walter, tears streaming down her face, led her purple-banner-blanketed Angus-Chianina champion, "J.D."

It all began with this joyous moment

This was the scene just after a record $12.00 a pound was paid for the 1983 grand champion Farm Show steer. Standing behind "J.D.", from the left, are Penrose Hallowell, state ag secretary; Lt. Gov. Scranton; Art Glatfelter, buyer; and Annette Walter.

Around the arena, a cheering audience applauded the widely-grinning York insurance executive and country-boy-made-good, Art Glatfelter, who had attended the auction on impulse, after a casual invitation by county agent Tony Dobrosky.

Glatfelter had just paid a record-setting $12 per pound for the 1255-pound champ.

"No one remembers a second-place bidder," Gladfelter had quipped afterward, explaining his $15,060 impulse buy.

But after mulling over his four-legged acquisition during the following weekend, the breeder of Paso Fino horses on his own eastern York County farm called up the county agent and said he wanted to give the steer back to the youth of York County.

After hasty consultation with key county youth leaders, a fund-raising raffle plan emerged. Glatfelter would sponsor the fund-raising by printing 40,000 tickets, at his own expense.

Five top prizes in the raffle were to be packages of the champion's steaks, roasts and hamburger. Five additional winners would get steak dinners for two at the Accomac Inn on the Susquehanna, widely acclaimed for its cuisine.

Members of both the 4-H and FFA organizations sold the tickets, at one dollar each, marking on each ticket which particular club judging or team or chapter's treasury should be credited for the ticket sale amount. Twenty cents of each 4-H ticket sold went to the county's 4-H Center fund.

A York Chamber of Commerce sidewalk press conference, ap-

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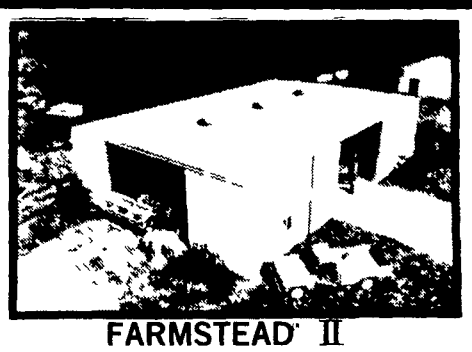
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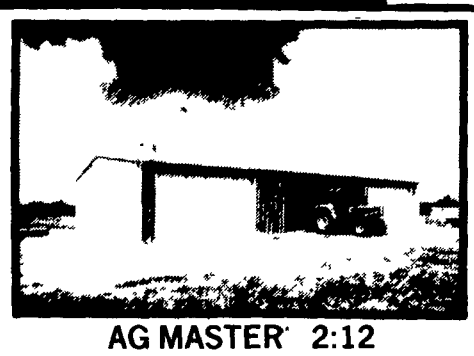
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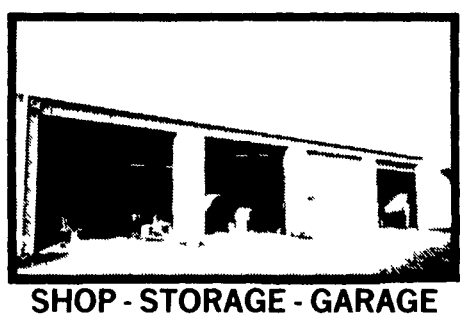
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Providing continuing benefits for FFA & 4-H

pearances at an area shopping center Glatfelter's insurance office, plus plenty of media attention, boosted public interest in the unique youth fund-raiser. On February 26, Congressman Bill Goodling pulled the winning tickets during J.D.'s final public appearance, at the Glatfelter firm's offices.

Godfrey Brothers of York R8 donated their services to processing the champion, using electronic stimulation on the carcass and allowing an aging period of ten days.

Live weight at slaughter was 1430 pounds, dressing out to 871 pounds of hot carcass weight, and grading "Choice."

Even after aging and trimming, the total 706 pounds of retail cuts far exceeded the original estimated yield. With the five winning packages of meat readied for the winners, and a total of 17 pounds of specially-selected porterhouse steaks on their way to the Accomac Inn, 189 pounds of sirloins, T-bones, round roasts, hamburger and miscellaneous specialty meats remained.

With the unexpected bonus, the beef club advisors in charge decided to put together a package of steaks for the holder of an eleventh ticket than had been drawn as an alternate, in case one of the ten winners couldn't be located.

"H.L. Mann" was the name on that alternative ticket. Upon checking, the alternate was discovered to be none other than Horace L. Mann, manager of the Farm Show, where this whole unparralled event had begun

Although a package of meat was offered to the Glatfelter's, Art and his wife Lee refused.

"Sell it," they suggested.

So, the remaining beef was held for the late March annual county 4-H auction, with the benefits used for the 4-H Center. Again, the support of the media boosted interest in the ongoing saga of the famed steer, and a large crowd, television cameras included, turned out for the benefit.

Each of the several-pound steaks brought bids of over $30, with the top selling for $38.

One of the winning bidders for a steak was Art Glatfelter.

"Sometimes we hear the complaint that the champion winner always gets all the benefit from these sales," reflects county agent Dobrosky. "This case is different. The ripples from J.D.'s win have spread through the community, and the good this has done will continue for a long time."

When the final tally of figures was in, J.D. had generated $38,356 for the youth of York County.

Less than half of that total, $15,060, went to Annette Walker. She promptly banked every cent, then later purchased a new pickup truck for her use on the Donald Walter's family beef farm at Airville. Now employed part-time by the Bon-Ton Department stores in York, Annette has no immediate plans for the remainder of the J.D. savings account.

The FFA chapters of the county earned a total $6,705. Red Lion High School's group, to which Annette belongs, raised nearly $2800 from their ticket sales. Soon after, they spotted a van, actually more of a mini-bus, that had been in an automobile accident.

Chapter members purchased the crumpled 1979 Dodge vehicle hauled it to the school ag shop, stripped it down and completely rebuilt the "Omnibus." Restored to like-new condition, the van holds up to 22 passengers, with special seats that can be installed in the side aisle for full-capacity seating.

Eastern High School FFA sold about $1,000 worth of J.D. tickets. Some of the funds have already gone to sponsoring chapter contests and activities, but the purchase of a computer or computer programs is the eventual goal of the group.

Some $800 was raised for their treasury by the Kennard Dale chapter. A final decision on spending that fund has not yet been made.

Ticket sales by the 4-H groups raised a total of $16,040, plus another $551 brought in by the

(Turn to Page A38)

A van for Red Lion FFA

Members of the Red Lion FFA parlayed their share of "J.D." raffle earnings into this van they rebuilt for chapter use. Behind wheel is advisor John Myers, with Edwina Johnson and Bob Wagner inside and Michelle Bankert and Mark Wagner standing outside.

A pickup for Annette

Annette Walter, R1 Airville, has a new pickup purchased with part of the record $15,000 she earned from the sale of last year's Farm Show champ.

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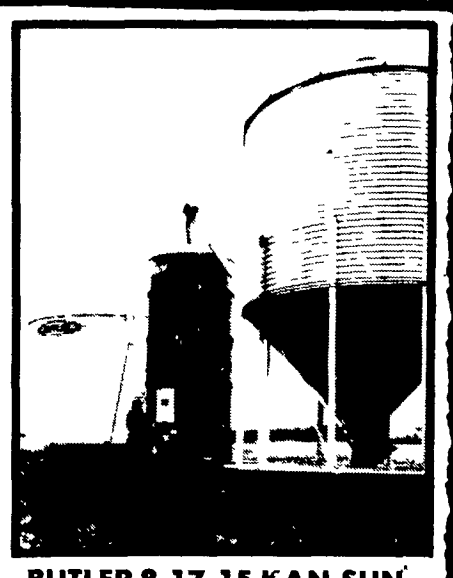

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For the Weavers, Farm Show competition is number 1

BY LAURA ENGLAND

EPHRATA — Of the 20 4-H steers from Lancaster County chosen to compete at this year's Farm Show, two belong to a well-experienced brother and sister team from Ephrata.

Making up this team are Fred and Emily Weaver who, with 12 years of 4-H experience between them, rate the Farm Show their number one contest. Well-seasoned competitors, the pair compete in seven shows a year but always look forward to the Farm Show.

Whether its the degree of competition, the chance to see the many friends made through the show circuit or just to spend a couple days among Pennsylvania agriculture and farmers, Fred said he always gets more "psyched up" for the Farm Show.

Fred, 13, will be making his fourth trip and Emily, 15, her sixth to compete in the junior steer and junior showmanship contests. The two will also compete, for the first time, in the junior breeding show with their purebred Angus heifers.

Emily will have a special responsibility in addition to showing. She'll be staying all week and will be working as a caretaker for Lancaster County. Helping her will be fellow club member Ernie Mast, of Morgantown.

A member of the New Holland 4-H Club for seven years and the Red Rose club for six, Emily will show an Angus-cross named Timothy in the junior steer show. Her heifer is a purebred, registered Angus named Rally Timberly Mayflower.

Both animals were purchased from the Rally Farm in New York.

Emily showed both Timothy and her heifer through the Red Rose Club this past year. She also showed another steer, which was sold, through the New Holland Club. Emily says she prefers raising buddy steers and has done so for six years.

"If you raise steers by themselves, they get jumpy," she said. "With two steers, they learn to get along, and they're better at the shows."

Fred also raised a set of buddy steers this year and will take his Red Rose entry to the Farm Show. A straight Angus, Sam placed second in his class at county round-up this past year. A purebred heifer named Rally Duchess is his breed class entry. Both animals were also purchased from Rally Farms.

In selecting animals for 4-H projects, Fred and Emily say they like to stick with either purebred Angus or Angus-cross breeds.

"Angus cattle do well at local shows," Fred says, "but you need an Angus-Chianina cross steer for the Farm Show. The judges like to see the crosses there."

Previous Farm Show experiences uphold the young Weavers' thinking. In her first show, Emily placed third in her class with an Angus-Chianina cross. Fred has had an Angus-Simmental cross place fourth and an Angus-Chianina cross place sixth.

Fred explained that a difference usually occurs in how the animals place at round-up compared to Farm Show. This is due to the animal's actual body finishing.

"There is a difference in the wins at Farm Show," he said. "The steers are usually finished out more in time for the Farm Show."

To prepare their animals for the show and achieve the best finish, Fred and Emily put together a serious work out for their steers. For this year's show, they started walking and exercising their animals daily about 60 days ago.

"We take them out together and walk them around the cemetary

(Turn to Page A34)

Trophies galore

Fred and Emily display the more than 15 trophies they've earned in county and state competitions.

Brother and sister cooperate

From feeding to grooming to exercising, Fred and Emily Weaver, R1 Ephrata, help each other in preparing their animals for show competition.

Partnership proves successful for young brothers

BY LAURA ENGLAND

DENVER — Throughout the years, partnerships have proved successful in farming and agribusiness operations. Partners share in the decision-making process, contribute equally to a sometimes heavy workload, and determine what is to become of profits earned through their business.

Looking at these aspects of a partnership, not to mention the success their father and uncle have had in their swine, beef and trucking operation, brothers Kenton and Kurtis Good, R1 Denver, formed their own partnership three years ago. Realizing a partnership had worked for their father, the brothers thought the same might be true for them.

Kenton and Kurtis haven't been disappointed with their decision. Raising and showing swine, the young brothers have had a profitable partnership to date. Each year has ended in the black with high hopes for the next year.

Not unusual for a partnership, you say? Well, you're partly right, but an unusual aspect surrounds this operation. You see, Kenton is only 11 years old and Kurtis is 10. The boys are members of the New Holland 4-H Club, Lancaster County, and through their partnership compete in 4-H competitions.

The sons of Mr. and Mrs. Ezra Good, Kenton and Kurtis share the workload in preparing their hogs for the county swine round-up. They also share in paying for their hogs and the feed, and at the end of the year they split their profits 50-50.

As far as financial successes are concerned, the brothers would mark 1983 as the most profitable And as far as successes in the show ring go, again 1983 comes out on top. This past year, Kenton and Kurtis showed the grand champion and reserve grand, respectively, at the New Holland Fair.

For their wins, the young partners received $4.25 per pound for both hogs. The hogs, weighing 230 pounds each, were bought as a pair by Doug Clemens of Hatfield Packing, Hatfield.

But money isn't everything as far as the Goods are concerned.

Their success last year prompted them to take a challenge - something not uncommon to partnerships The brothers decided to try their luck at the 1984 Farm Show.

To prepare for the Farm Show, Kenton and Kurtis selected a pair of hogs at the end of September from their father's operation.

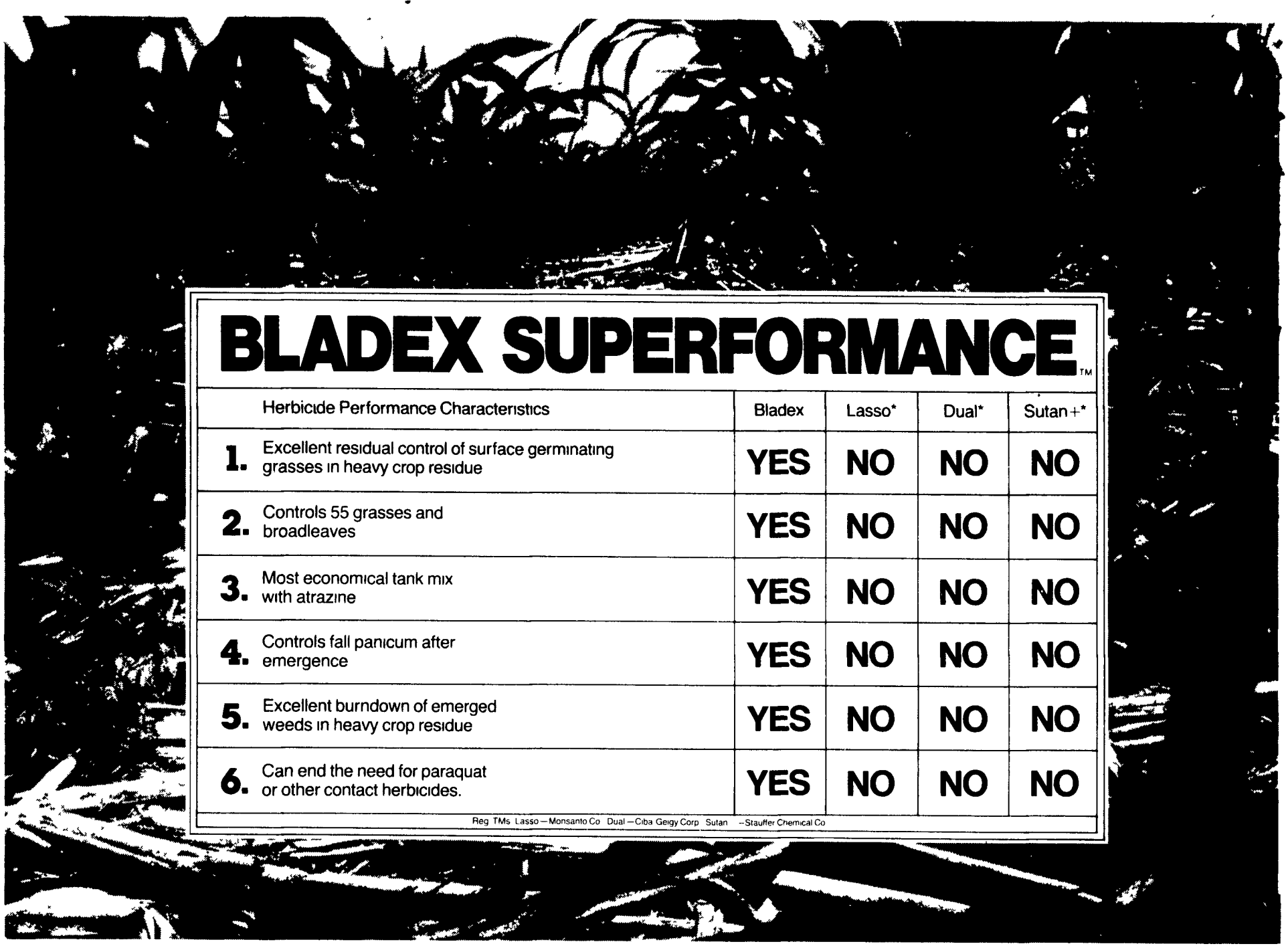
(Turn to Page A30)

Father teaches sons

A successful hog producer, Ezra Good teaches his young sons Kenton, left, and Kurtis to select market-type hogs as 4-H projects.

Proud of championships

Kenton Good, left, and younger brother Kurtis are proud of the championship trophies that they've earned in three years of 4-H swine competition.



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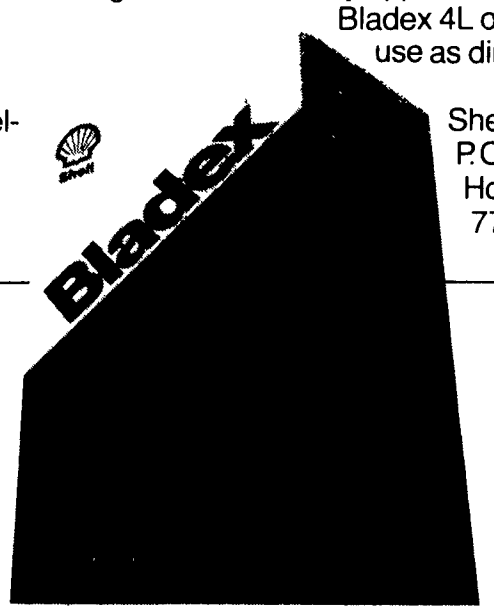

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1984 dairying considerations: to reduce...

BY TRISH WILLIAMS

WAKEFIELD — G. Victor Brinton is the type of dairyman that appreciates life on the farm. Although he may not be able to put a price tag on the joy of watching the sunrise over the hills of southern Lancaster County, he does attach a great deal of value to living and working with his family among nature's elements.

Located only a few miles from the Maryland border, the Brinton's Riverview Farm overlooks the Susquehanna River. It's a peaceful existence amidst the narrow wooded glens and hills. With a farm lane nearly a quarter of a mile long that fronts on the sparsely traveled Riverview Road, one is very isolated and could become quite independent in their way of thinking.

Yet Brinton feels a very close affiliation with other dairymen and sees himself as an integral part of the nation's dairy industry. As the severity of the nation's milk surplus problem has escalated in the government and public eye, so has the image of the American dairy farmer conversely fallen. Recognizing the detrimental affects this milk surplus problem can have not only on him as an individual producer, but also the dairy industry as a whole, Brinton has decided to reduce his production in 1984.

"Even if am not able to qualify for the Milk Diversion Program, I plan to reduce my production," said Brinton. "The dairy industry is faced with a surplus, which we created, now we have to work to get rid of it."

Brinton moved to Lancaster County with his parents in 1958 from southern Chester County. Today he farms with his wife, Nancy, and their three children, Scott, 19, Beth, 15, and Tim, 13.

Riverview Farms consists of 800 acres of farmland, of which 550 are tillable. The Riverview herd of grade Holsteins has grown over the years to the present level of 110 cows in the milking string. With this much acreage of cropland Brinton grows more than enough feed for his herd of milk cows, replacement heifers and dairy steers.

While farmers in other areas of Lancaster County experienced severe reductions in crop yields this year, Brinton said his yields were average this year. It would almost seem like a temptation then for him to maintain his present level of production..

Desiring to do his part and cut his milk production, Brinton attended the December 20 meeting on the new dairy program at the Farm and Home Center in Lancaster.

Brinton took with him his milk shipping weight receipts, and established his base with the Agricultural Stabilization and Conservation Service office.

"I wanted to get my base established before there was a rush," said Brinton. "It took almost 45 minutes to just add up all the weights to arrive at my base. At that point I didn't even know if I would be able to take advantage of the program, but I thought I should at least take the first step."

Because his milk production was higher in 1982 than in 1981, Brinton opted to use 1982 as his base year. After multiplying the first quarter's production by 2, and adding that to the production of the remaining three quarters, he established his 15 month base at 1,931,290 pounds of milk.

At home the Brintons used the same mathmatical formula to calculate what their herd's production was for 1983. Adjusted to the 15 month period their 1983 production was 2,085,039 pounds of milk. This is a seven percent increase over their 1982 level of production.

"We would have to reduce our production during the 15 month program by 14 percent just to achieve a seven percent reduction from our base, because we are already seven percent above that base," the Brinton's noted.

Keeping this in mind they used a worksheet to calculate the profitibility of contracting to reduce production by seven percent below their base.

The Brintons found that it would not be profitable for them to participate in the program at the seven percent level. They attributed this to the fact they grow all the feed for the herd, they do alot of their own veterinary work and almost all the labor on the farm is supplied by the family.

"We plan to have our accountant go over the figures with us, checking them for accuracy," said Brinton. "It looks doubtful now that it would be profitable for us to participate. Even if we would break even, I think it would be worth contracting, because at least we would be reducing the surplus."

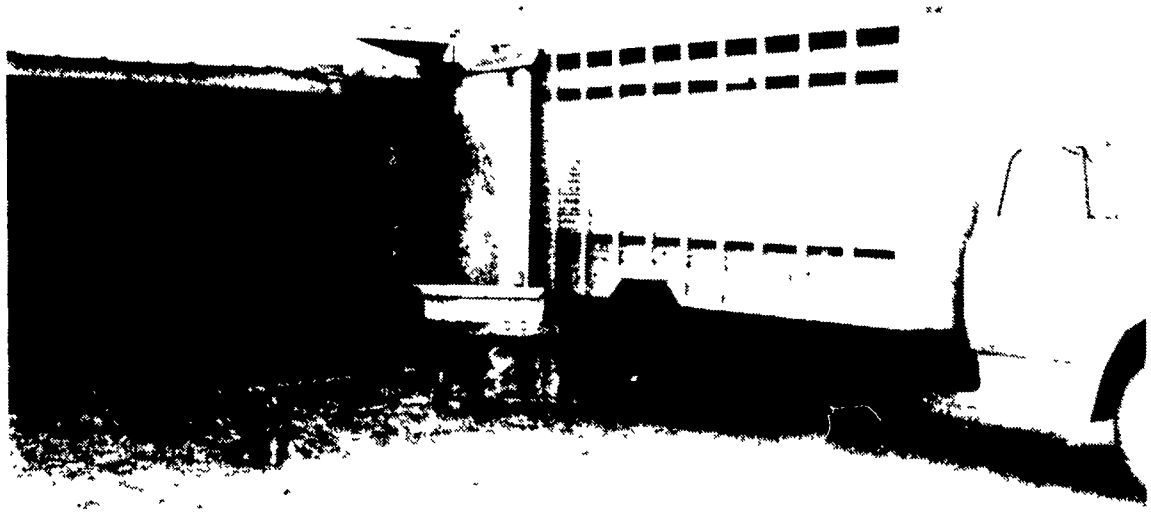
Nancy and Victor Brinton pause a moment as they review production records and calculate the profitability of participating in the Milk Diversion Program.

"Whether we sign a contract or not we plan to cull our herd of 110 by 10 or 12 cows," he said. "Already we have reduced the protein in the ration from 14.5 percent to 13 percent."

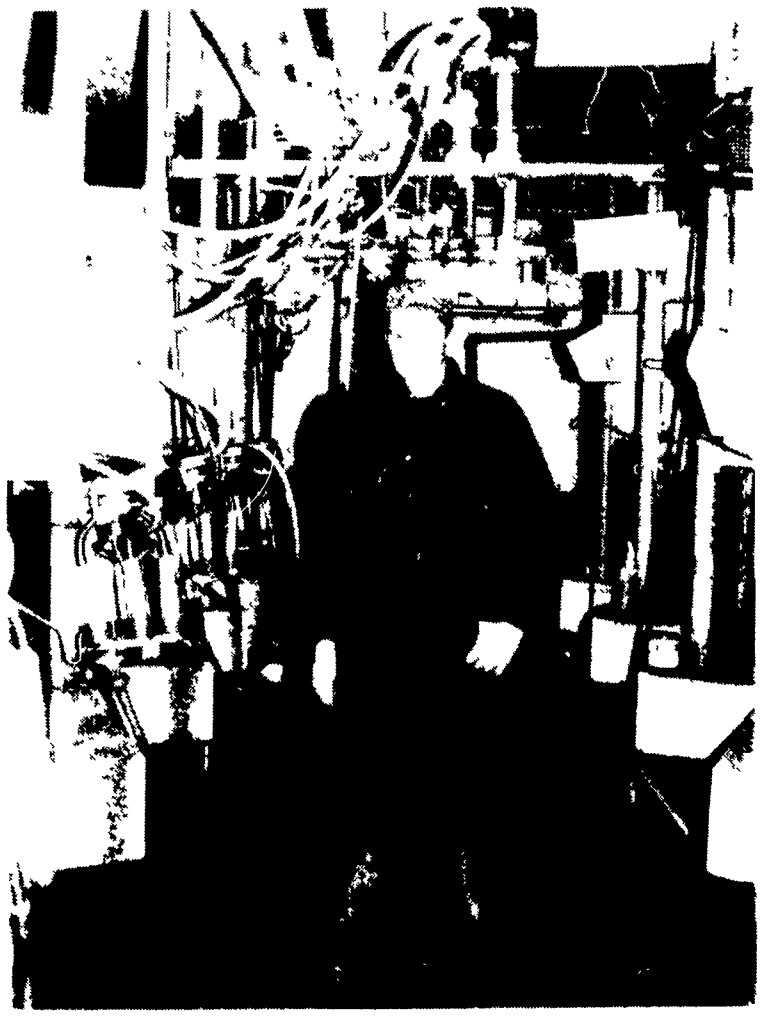
Even on a cold gray day, the hills of southern Lancaster County radiate a sense of peacefulness.

The Riverview herd is housed in a freestall barn.

"Even if we break even, I think it would be worth contracting, because at least we would be reducing the surplus."



Cull cows to be sent to slaughter are loaded on a cattle truck at Riverview. The cows are being culled in an effort to reduce production and subsequently the milk surplus.



Victor Brinton milks his herd of Holsteins in this double eight herringbone milking parlor.

Or not to reduce, that is the question

BY TRISH WILLIAMS

SUNSET — Gary Lentz and Barbara Sattazahnen grew up on adjoining dairy farms north of Mt. Zion in Lebanon County. Both were 4-H members and through their years of raising dairy project heifers, each had built a small herd. Each had visions of someday operating their own dairy farm.

Three years ago last September Gary and Barb married and combined their herds. They quite appropriately named the herd Dream On Holsteins. By the time they married Gary had 15 animals of his own in his older brother Bob's herd. Barb had five animals to contribute. So they began, on a rented farm in June of 1980, milking a herd of 20 diary cows. Barb had to work off the farm to supplement their farm income.

Since then they have worked hard, planned wisely, borrowed and spent conservatively, to build a herd. After nearly four years of building their herd to 72 milkers, the Lentzes feel they have achieved a herd size that is large enough to support both of them without having to work off the farm, a goal they have striven for.

When they began dairying, nearly no one spoke of a milk surplus. CCC purchases were something that only milk cooperative and USDA officials talked about. The average man on the street probably didn't even know what the CCC was.

But the tables have turned now. The country is confronted with a milk surplus and the USDA is asking dairy farmers to reduce their milk production. New legislation has been implemented for the sole purpose of reducing the milk surplus.

The legislation is designed to reward dairymen who cut their production by 5 to 30 percent from 1981 and or 1982 production levels. The reward is a $10 per hundredweight incentive payment for milk not produced.

So where does this leave young dairymen like the Lentzes, who have been steadily increasing their production in order to establish a comfortable base for themselves?

Well Barb and Gary have looked closely at the program to determine if it would be profitable for them to participate. They recognize importance of correcting the milk surplus problem to the dairy industry. But have decided not to participate.

Gary and Barb Lentz started milking their Dream On herd of registered Holsteins, nearly four years ago on a rented farm. Their goal is to someday have a farm of their own.

Barb represents 50 percent of the work force on the farm. Along with feeding the calves, she milks and maintains the farm records.

"I would not be economically feasible for us to participate in the Milk Diversion Program," Lentz said.

Barb, the farm record keeper added. "Our production for the year 1981 was 714,000 pounds of milk, in 1982 we produced 969,000 pounds, and in 1983 we shipped 1,263,951 pounds. We have leveled off now, our 1984 production probably will be about the same as 1983.

"This means that our 1983 production is 77 percent higher than our 1981 production, and 30 percent above our 1982 production. Even if we elect to use 1982 as our base year under the Milk Diversion Program, we would have to cut our production by at least 35 percent just to obtain the minimum participation level of 5 percent."

"If we were in the dairy business for five years longer than we have been, then it would probably feasible for us to reduce production and participate in the Milk Diversion Program," Barb added. "We don't plan to add any more cows to our herd now. We are at a good level now."

The Lentzes have been training and working for a career as dairymen since they were young. They are progressive dairymen, belonging to the county, state, and national Holstein Association, their herd is on DHIA test, and they work with an accountant to find the most cost effective way to produce milk. This managerial ability allowed the Lentzes to increase their rolling herd average from 18,269 pounds of milk in 1982 milking 42 cows, to a 19,093 pounds of milk in 1983 after they had expanded their herd to 70 cows.

Gary checks the breeding date of one his cows. Gary enjoys making genetic progress in his herd through sire selection and artificial breeding.

"We are not that concerned about icreasing our rolling herd average anymore," said Lentz. "It is more important to us now to increase our profit over feed cost, and to increase the fat test of our herd. We have had to buy too much of our feed."

Being efficient is important in these tough dairying times, according to Lentz. He sees milk production being lowered under the new program, by dairymen going out of business as a result of a one dollar decrease in the price of milk.

"This was a bad year for crops," said Lentz. "I think we will see a reduction in our herd-average this year just because our feed is not as high a quality as it usually is. The kernals on the corn this year did not fill out. I can notice that the cows aren't eating their feed like they did last year when it was of higher quality."

"If dairymen that have been in for awhile just cut back their herds by increasing culling by five percent, not only would it reduce the surplus, it would also help the feed situation," commented Lentz.

Advertising can do alot to reduce the surplus problem, the Lentzes feel. They voted in favor of mandatory deductions for milk promotion two years ago on the Pennsylvania milk promotion referendum. Their vote was defeated. Presently they are contributing $20 per month for local milk promotion in Lebanon, through the Lebanon County Young Farmers. Their advertising dollars are used to air 30 second radio spots on two Lebanon radio stations. And they see the need for more advertising in the future.

"We have a goal set to own our own farm someday," Lentz said. "To do that we can't afford to cut our production."

This farm north of Lebanon, near the village of Sunset, is home to the Lentz's Dream On Holsteins.

That's a ewe of a different color

BY TRISH WILLIAMS

GAP — 'Ewe' wouldn't believe the unique Christmas decorations motorists along Newport Pike have been treated to this holiday season, unless you saw it yourself.

The decorations I'm referring to are living ewes of a different color-green, with festive red bows tied around their necks. Still confused?

Well a quick trip down Newport Pike just south of Gap to Spring Run Suffolk Ranch offers an explanation. The decorative green ewes, are actually yew bushes that have been sheared into the shape of their mammalian counterparts.

The concept and the handiwork are the product of Dorothy Mendenhall. Dorothy and her husband, Kenny, own and operate Spring Run Suffolk Ranch and the Brintwood Motel that adjoins the ranchette.

Named for an ever abundantly flowing spring that originates on the property, Spring Run is a diverse small scale farm. Geese, turkeys and steers are also raised on the property.

"I enjoy working with livestock," said Mendenhall. "I've been around them all my life. I can't get as good a meat in the market as I can grow, either."

Mendenhall's love of livestock farming and pride in his farm, is evident to passers by on Newport Pike, as they enjoy the charming country scenery his labor of love provides.

Ewes of a different color stand on the corner of Spring Run Suffolk Ranch, along Newport Pike just south of Gap. Dorothy Mendenhall came up with the idea to prune these yew bushes into the shape of real ewes about six or seven years ago. Like most ewes, these yews are sheared annually. Each year the conformation of these unique creatures has come closer in resemblence to the real thing.

In the true spirit of the holiday season, Dorothy decorated the ewes with red bows, an attraction enjoyed by many passing motorists.

Mendenhall's flock of registered Suffolks now consists of 12 ewes and one ram. He sells most of the lambs to 4-H members for project animals.

Much thoughtful detail has gone into the planning of Spring Run Suffolk Ranch. The ranchette, located on less than six acres, brings much pride and enjoyment to its owners, Kenny and Dorothy Mendenhall.

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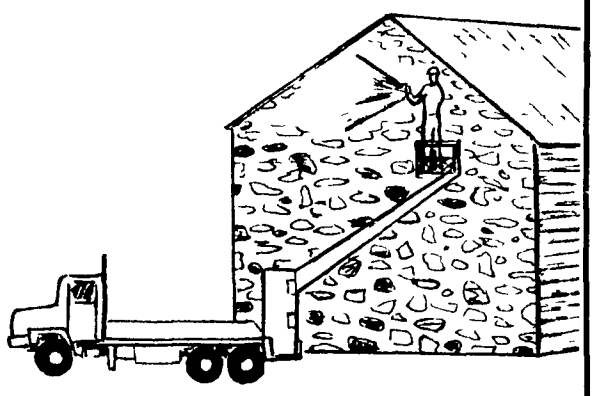

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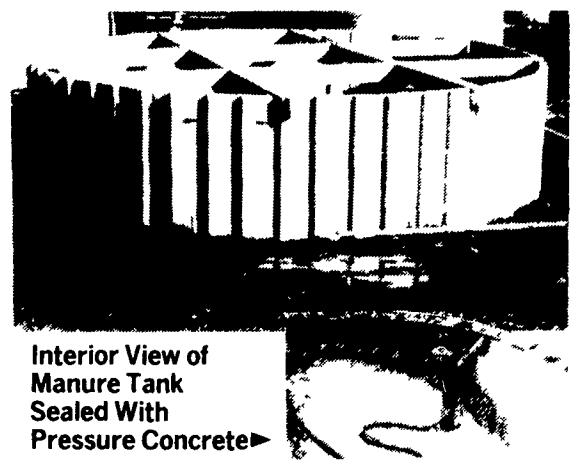

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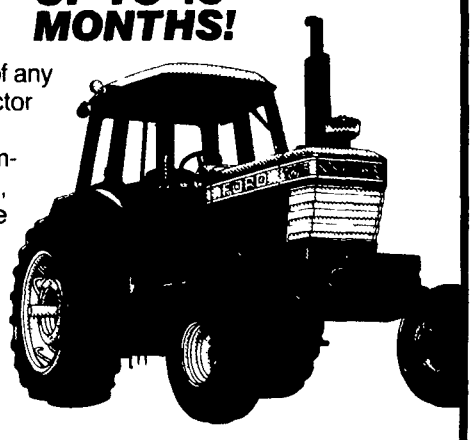

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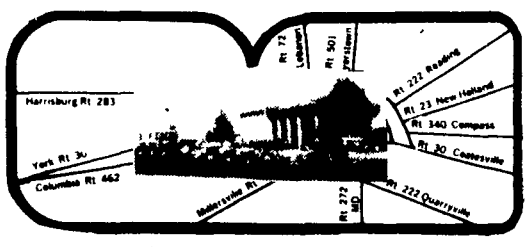

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Stump family youths share chores & showing

BY ROBIN PHILLIPS
Staff Correspondent

BERNVILLE — Amidst bundling up with coats, scarves and mittens, slipping over the ice to do chores and fixing frozen water pipes comes the time to prepare animals for the showring highlight of wintertime. It's Farm Show time again!

In Berks County, the Stump family of Stumpland Registered Holsteins, R1 Bernville, prepares in force for their favorite show of the season.

The 50 Stumpland Holsteins of the John and Rita Stump family have an extra advantage. They have five devoted, hard working siblings working with them. With Donna, age 20; Doris, 15; Doyle, 17; Denise, 14; and Dwaine, 11, doing much of the daily chores at home, nothing is left undone. What one brother or sister cannot get done, another pitches in and chores are completed.

"They work together," their father states proudly. Their cooperation in daily chores is also reflected in their preparation of their show animals and can also be seen when they are exhibiting their animals in the way they constantly help each other.

This year the Stump children plan to take five of their favorite cows. "We usually don't take heifers and calves," states Donna, saying that their cows always seem to show better. There is "Candy", a Glendell Arlinda Chief daughter, of Doris', and "Brandi", her full sister, an 87 point, 6-year-old belonging to Denise, that they are most hopeful about. Doris and "Candy" captured the Grand Championship Showmanship title at Kutztown this past year and also has to her credit a Reserve Senior Championship as a two-year-old in 1981. Denise and "Brandi" took the Grand Championship at Kutztown in 1982 and are looking forward to the challenge of the Farm Show.

Donna's preparing her 4-year-old Betty Chief daughter, "Crissy" and her aged cow "Ursie" while Doyle's counting on his just fresh aged cow, "Susan", a sister to "Ursie".

As the kids remembered back to receiving their first animal from their father, they all agreed that it was really hard to wait until they were old enough for 4-H. "We used to have fits when we couldn't go," states Doris referring to the time when she had to watch her older sisters and brother do to a show.

It seems that Debbie, an older sister now married and on her own farm near Frystown, set the trend for her brothers and sisters by starting the 4-H "tradition". Debbie was named "Distinguished Junior Member" of the Holsteion Club in 1981 and taught her brothers and sisters much of her expertise. "They learn from the older ones," John Stump stated.

The 4-H leader of the Western Berks Dairy Club for the past 11 years, John Stump stresses proper preparation for a show in both the animal and the exhibitor. "I encourage them to get up and watch the older ones," he says when at a show or local fair. "There's just many little things they must watch," he adds.

To further show efforts, the Stumps hosted a field day on their farm a few years ago to teach preparation and techniques to the younger members of the club. "I try to get all of them out there that I can," he states. The county Holstein club continues the field days each year and it is proving to be an invaluable tool for teaching the youngsters, Stump explains. "In our club, the older members help the younger ones," Stump explains, taking his family philosphy to his 4-H club.

With Debbie off the home farm, Donna takes over the "oldest" position and has charge of naming offspring and the registration paperwork. Receiving the honor of "Honorable Mention, All Penn-

(Turn to Page A33)

Doyle Stump with "Susan."

Stump youths with their father, John, include from the left, Dwaine, Donna, Doyle, Doris and Denise.

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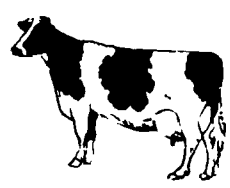

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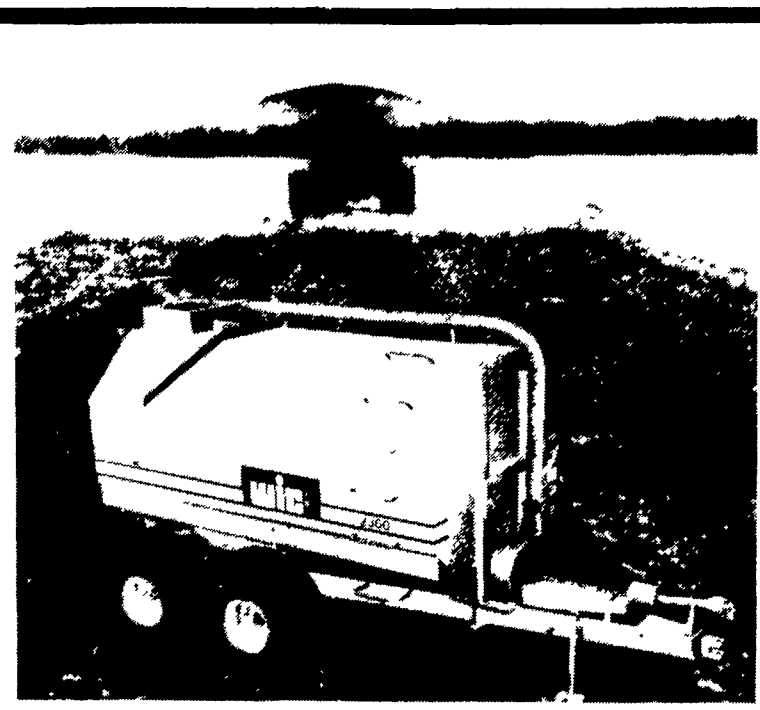

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BRAND SEEDS

Goods

(Continued from Page A22)

Kenton selected a white Duroc-Yorkshire cross and Kurtis a red Duroc-Yorkshire cross.

When selecting their Farm Show entries, Kenton and Kurtis were looking for gilts weighing between 50 and 60 pounds that would finish out to about 220 pounds. The breed cross was also considered.

"I like the York-Hampshire cross and the Duroc-Hampshire cross," Kenton said.

According to father Ezra, these two crosses are the most popular breeds. "The York is a good mother," he said, "and the Duroc and Hampshire adds good muscling."

For Ezra, who judges swine shows himself, a meat type animal is preferred

"When I judge shows, I try to determine which animal will be best on the rail after dressing," he said. "That's what I'm trying to teach my boys "

Ezra's teaching is working Kenton said he looks for a quality pig - one which doesn't have a big belly but has nice hams and a long loin It's also helpful, he said, to have a pig that will gain about two pounds per day.

The brothers, themselves, feed their pigs daily. Their show entries have a separate feeder, and feed is weighed in buckets to determine the average daily gain. An electric watering system takes care of the watering task, but the boys check it to make sure all is working properly.

Besides feeding, Kenton and Kurtis work with their animals every evening. The pigs do get used to them from feeding, Kenton said, but extra time is needed for exercising.

"They (the boys) play with the pigs in the pen and exercise them," Ezra said. "This way, the animals get used to the kids."

And getting used to pigs is nothing new for the boys. Growing up on the farm, Kenton said he remembers the times he would sit in the pens and play with the piglets. Both boys, Ezra added, have always liked the pigs.

Their liking to pigs comes naturally. Ezra and his brother, Amos, operate a 3200 swine finishing operation. All pigs raised through their operation are sold on a grade yield basis to Hatfield Packing Company for which Ezra is a buyer.

The elder Good partners buy most of their hogs through the Mid Tennessee livestock market. The animals are on a feed contract with Gehman Feed, of Denver. About 8,000 hogs are marketed per year.

Ezra and Amos also raise and market about 250 feeder cattle each year. In addition to the livestock, they operate a small trucking fleet and haul for Hatfield Packing and others.

Ezra said his interest in livestock trucking stemmed from his father's business. "I followed my father's (H Paul Good) footsteps," he said. "I worked for my father and drove the livestock trucks "

Will Kenton and Kurtis follow their father's footsteps? At ages 11 and 10, they have a few more years to make a final decision concerning their future, but both boys say they'd like to continue their partnership. And yes, they'd like to be farmers.

"I would also like to be a swine judge," Kenton added. "I see how my dad judges and my judging usually matches him."

With their experience and interest, the boys might just reach their goals in a continuing partnership

Ten-year-old Kurtis Good, left, and older brother Kenton, 11, are pictured when they won the reserve grand and grand champion, respectively, at the New Holland Fair last September. In the middle is Doug Clemens of Hatfield Packing who bought both champions for $4.25 a pound.

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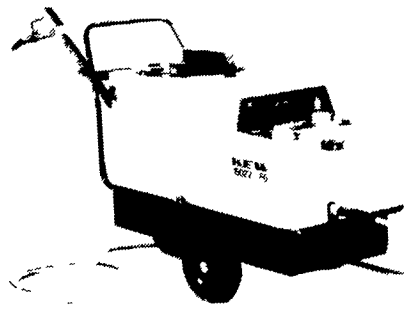

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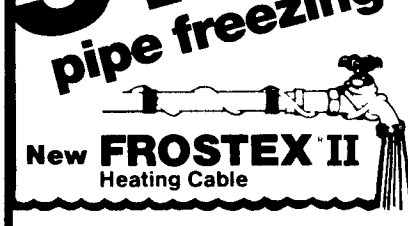

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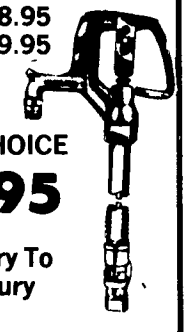

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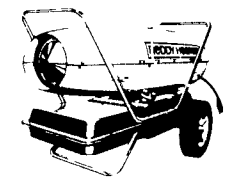

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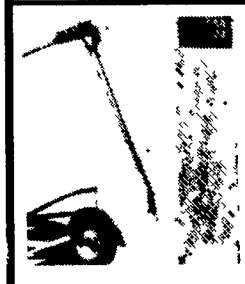

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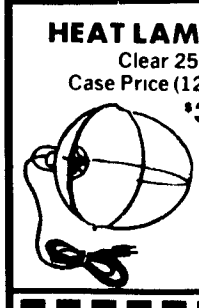

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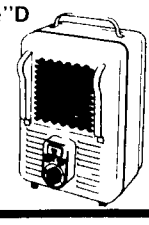

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Stump family

(Continued from Page A28)

sylvania," with one of her animals, Donna also does most of the milking, taking turns with another sister. Doyles takes care of the feeding chores, and Doris and Denise fill in where needed. Youngest, Dwaine, "does whatever you make him do,' the girls add, smiling. Dad makes most of the breeding decisions, the girls added as they also admitted that they ask for his advice when breeding their own animals.

"I like good type," Stump states and adds, "if you breed for type, the production comes." "I wouldn't use a +2000 bull if he were minus for type," this dairyman states.

The Stump's division of chores seems to be a profitable combination for this family. With many dairymen buying their top animals, this family takes great pride that their entire herd is homebred without sacrificing any of the type and production that they want in their animals. The Stumpland herd is currently averaging over 17,700 pounds of milk with over 610 pounds of fat.

In addition to having exported several animals overseas, the Stumps remember 1983 as the year the first Stumpland bull went to a major A.I. stud in the United States. This homebred herd also boasts a full sister and full brother to this bull. "Erin" the Sexation daughter, belongs to Denise. The full brother was proven by the Stumps to his first proof of +1181 milk. Their dam, still in the herd, is a "Betty Chief" with over 28,000 pounds milk and 950 fat in 305 days, and the granddam is an "Astronaut" with 5 records over 1000 pounds fat. Stumps also adds that he has a daughter of his home-proven bull in the barn that peaked at 82 pounds as a two year old.

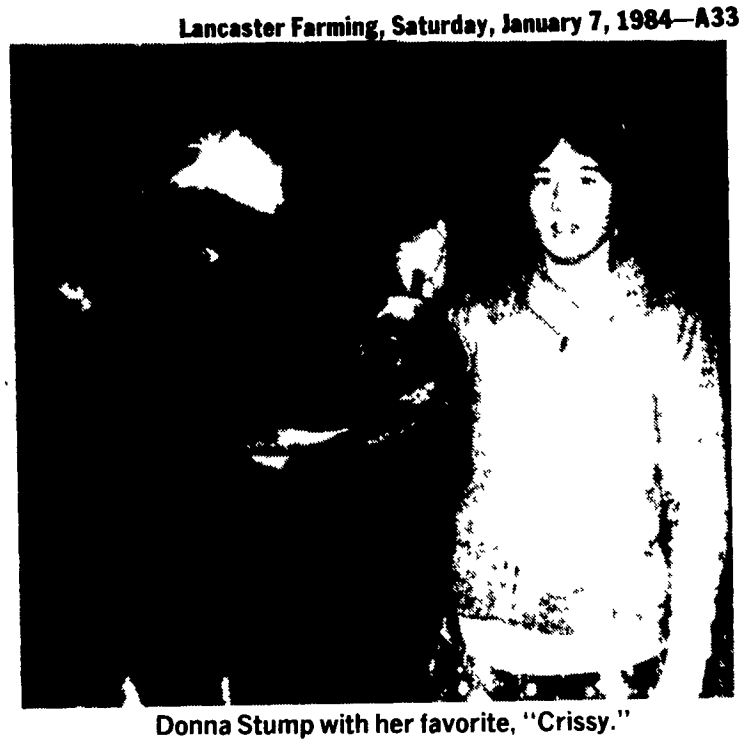
Farming 900 acres while maintaining their dairy herd, the Stump family is busy year-round. They are still able, however to share the workload and exhibit their animals at three shows plus district and state shows throughout the year.

The Farm Show always stands apart from the other shows, according to the Stump children because of the large crowds and many questions asked them. "Last year, we were like an information booth," Donna says. Doris states that she finds it "interesting because of the people and questions."

Being the oldest, Donna says that she will probably be staying with their amimals this year with the others taking turns coming out. Donna adds that there is one thing she would like to see added to the Farm Show. "I would like to see a fitting and showing contest," Donna says. She states that each of the livestock divisions have the contest and the dairy division should also. The Stumps all agreed that there is much to be learned by juniors participating in or just watching a fitting and showmanship contest.

The anticipation of showing their animals to the large crowds in the big barns against statewide competitors, shows in their eyes. Something else was also obvious when meeting and talking with these five brothers and sisters. With their devotion and dedication to their animals and their family's farm, and their already earned skills in the dairy business, these children are winners without even going to shows. They are learning that "you reap what you have sown."

Denise Stump with her best cow, "Brandi."



Donna Stump with her favorite, "Crissy."

Doris Stump with her best animal. "Candi."

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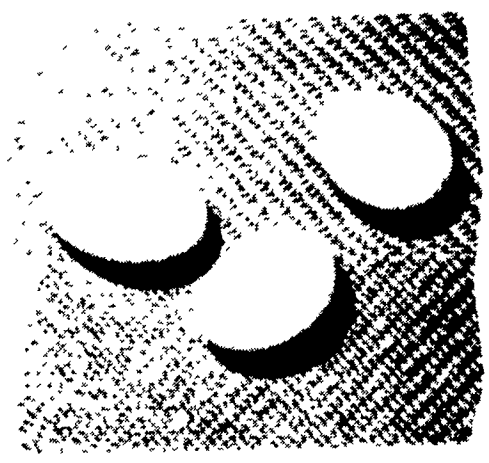

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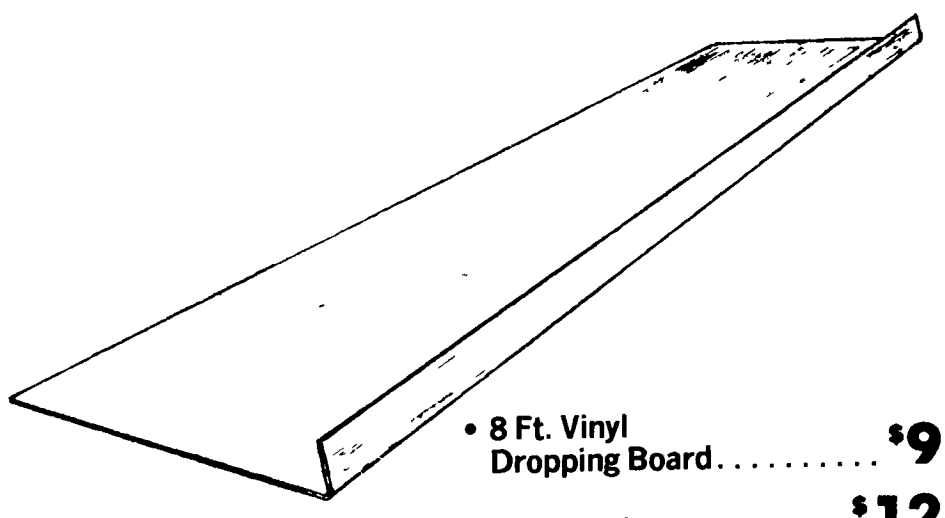

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Weavers

(Continued from Page A22)

which is close to the farm," Emily said, "but they sometimes get edgy.

"When that happens, they usually break away and gallop home together," she added laughing.

Fitting the animals is also important, and time is spent daily on grooming and, if need be, washing the animals. Feed is considered in the work out, too. Currently, Emily is holding back feed on her steer which is fed eight pounds of grain per day. Fred's steer is getting pushed and receives 25 pounds per day. Both are also fed hay.

In all, Fred and Emily spend about an hour and a half each day working with their steers. They also work with their heifers, but not as much time or training goes into them.

Much of what the pair has learned about showing comes from their busy summer show circuit. They travel to seven shows each year including the New Holland and Ephrata Fairs, Chianina Field Day, the New Jersey Angus Field Day, the Keystone International Livestock Exposition, county round-up and the state Farm Show.

"We started to go to summer shows just for fun," Emily said. "The more shows you go to, the more you learn."

The experience has paid off. Throughout the show circuit, the brother and sister team have captured champion and reserve champion awards. They have also received placings in the top percentage of their classes.

The children of F. Roy and Carol Weaver, Fred and Emily have always had an interest in animals. Joining 4-H has helped nuture that interest.

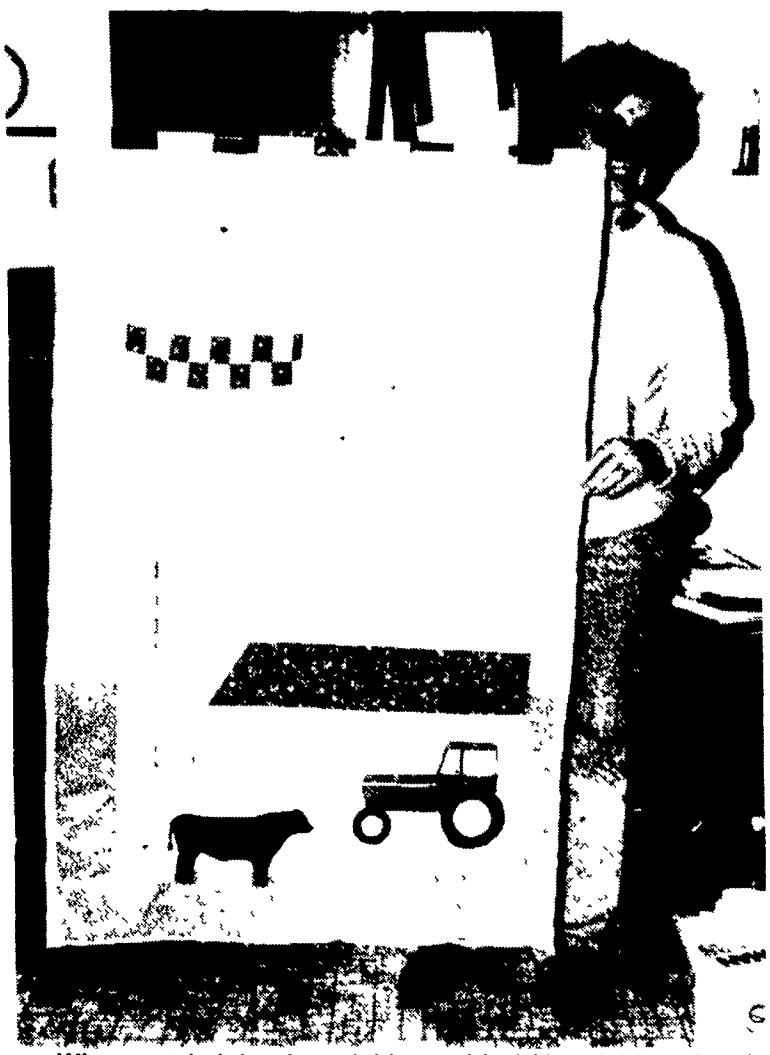
"It's alot more work than I thought it would be" Emily said, "but the older you get, the more involved you become."

The Weavers farm 85 acres where they raise feeder calves and grow tobacco, corn, barley and hay. Both Roy and Carol enjoy 4-H and help their children with their projects.

"I like 4-H," Carol said, "and I appreciate the friends we've made and the people we've met both inside and outside the county."

With this kind of enthusiasm from their parents, it's only natural that Fred and Emily be involved in 4-H as much as they are. Fred is also a member of the swine club and took grand champion at the Ephrata Fair this past year. Emily also participates on the junior livestock judging team.

But at this point in their 4-H careers, there is only one thing on Fred and Emily's minds - their number one show, the state Farm Show.



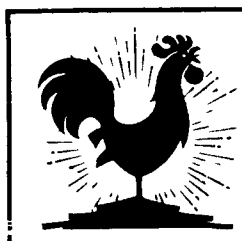
When not helping her children with 4-H activities, Carol Weaver finds time for crafts. A recent project was this quilt of the family farm.

Apples are number one

HARRISBURG — The most recent "Progressive Grocer Guide to Usage of Supermarket Products" for the total store reaffirms the number one position of apples in the produce department, and reveals that apples are the thirteenth most popular item in the retail food market. Some 10,000 items are carried by the average modern supermarket.

A listing of the "food products" purchased by 15,029 shoppers, as surveyed by "Progressive Grocer," was published in the July 1983 issue of the magazine. All of the participants in the survey were shoppers 18 years of age or older.

The most popular items in order of consumer purchases are eggs, table salt, bread, flour and premix, mayo and dressing, oil for salads and cooking, catsup, fresh milk, margarine, mustard, canned soup, vinegar, and apples. Bananas, the second most popular produce, ranked 18th in the survey.



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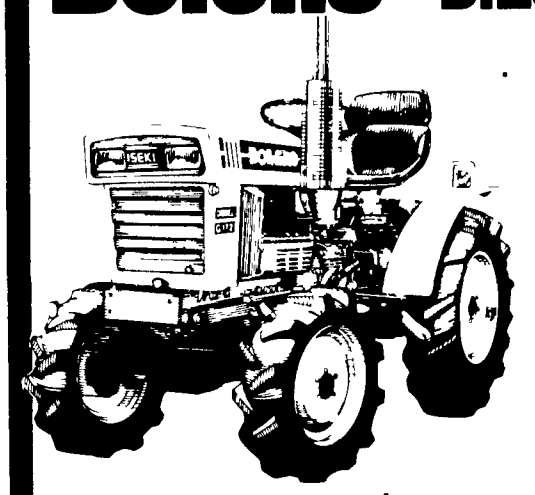

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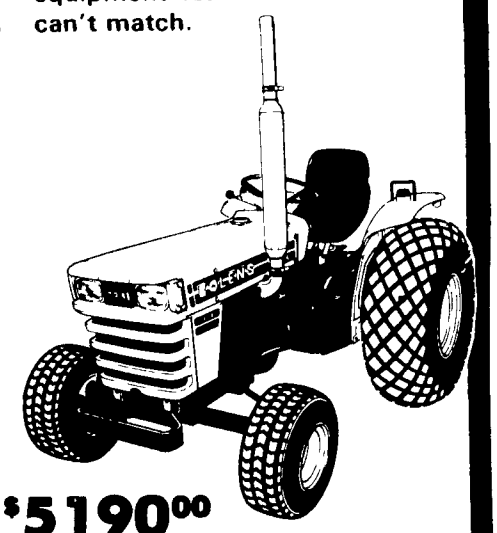

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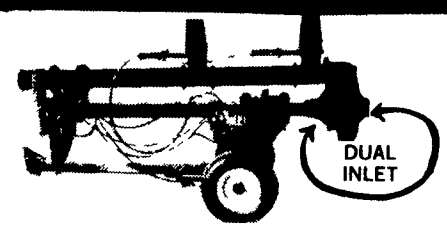

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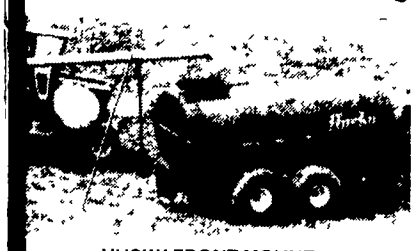

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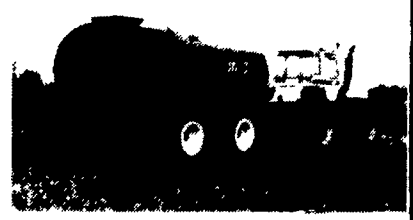

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Adams County fruitgrowers trying for repeat win

BY J.B. ROTH

BENDERSVILLE — Fruitgrowers in Adams County are once again spending today selecting and polishing apples for the Farm Show.

Jim Bucher, vice president of the Adams County Fruitgrowers Association and chairman of the farm show exhibit committee, said that seven varieties of apples will be included this year's display.

Adams fruitgrowers, according to Bucher, have participated in the Farm Show, since the state agricultural exhibit began. Last year for the first year, Adams County won the top county prize for the apple and apple product exhibit. Franklin County had been the traditional winner for many years.

In front of last year's winning display are Jim Lerew, left, president of the Adams County Fruitgrowers Association; and Jim Bucher, vice president and chairman of the Farm Show display committee.

The fruit exhibit is evaluated on the quality of the apples and the educational message. The display includes apple products, in addition to the Romes, Red Delicious, Red Stamen, Golden Delicious and Red Yorks. There will be 10 to 12 bushels on display.

Planning for the Farm Show begins prior to apple harvest. Bucher explains that each of the participating farms — and there are seven this year go out and select apples while they are still on the trees. With about 25,000 acres of apples to choose from, this is not the easiest task, Bucher said.

The fruit is displayed in the main lobby of the farm show building. "A lot of people go into the farm show and completely miss our exhibit," Bucher said. After the farm show is over, the exhibit, including the apples are sold. Last year the display went for $100.

"This year's competition is a rematch with Franklin County. For years, Franklin has been number one and we were number two. We should be number one because we lead the state in apple production," Bucher said.

Bucher predicts that Franklin County will spare no expense in trying to recapture first place, but Adams County farmers are just as determined.

This year's crop because of the severe drought is a little smaller than usual, but Bucher said it was a good crop. "We came up short on bushels this year. There were some big apples, but on the whole it was not a great year," he said.

The display this year, as it was last year, was designed by Gale Kane. The display lists the nutritional information about apples, some of the history of the apple industry and the related processed products.

Among the processed products are samples of apple juices, sauce and pie fillings from MFP Musselmans in Biglerville; Lucky Leaf Orrtanna; and Duffy Motts, Bendersville.

The apples have been kept in atmosphere controlled rooms and will be as fresh as if they were just picked, Bucher said.

There will also be Adams County apples and apple products on sale at the state horticultural booth, Bucher said.

This year, the apples are being provided by El Vista Orchards, near Fairfield; Hollabaugh Brothers Fruit Farms, near Biglerville; Mountain View Fruit Farms, near Biglerville; Pitzer Brothers Fruit Farms, near Aspers; Pleasant Valley Orchards, near Bendersville; Bear Mountain Orchards, near Bendersville; and Paul Lerew Fruit Farm, near York Springs. The county fruit business is well represented, Bucher said.

One thing for sure, these fruit farmers' teachers would be proud today to see them polishing apples.

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Room C. Farm Show Building

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Time - Place - Management - 1984 Sales
Time - Place - Pa Ayrshire Field Day
Report of Other Committees
Update on 1986 National Meeting - Sale to be held in Pennsylvania

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in co-operation with the Penn-State Extension Service, is again presenting a series of evening meetings pertaining to our Major crops.

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The Meeting Schedule Is As Follows:

Place: Leola Family Restaurant, basement
Time: 7:30 Prompt!
Dates: As shown below

1. Monday, 16th	**- CORN**
John Yocum	- Penn State Research Farm, Landisville, Pa.
Arnie Lueck	- Lancaster County Agent.
2. Monday, January 30th	**- ALFALFA**
John Yocum	- Penn State Research Farm, Landisville, Pa.
Don Mahlandt	- Pennfield Feeds, Dairy Sales Mgr. Forage nutrition in dairy.
3. Thursday, February 16th	**- PASTURES & SMALL GRAIN**
Dr. Elwood Hatley	- Penn State University, Extension Agronomist. Small Grain
Dr. Tom Lanini	- Penn State University, Extension Agronomist. Weed Specialist - How to control spiney pigweed in pastures!
4. Monday, February 27th	**- TOBACCO**
John Yocum	- Penn State Research Farm, Landisville, Pa.
Chemical Reps	- Geigy, FMC, Dow, Chevron. Brief summary of chemical recommendations of Tobacco.
Tobacco Cos	- Southern & Lancaster Co. companies will be invited.

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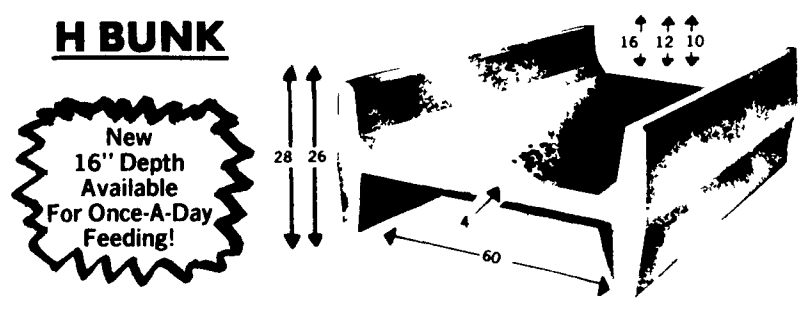

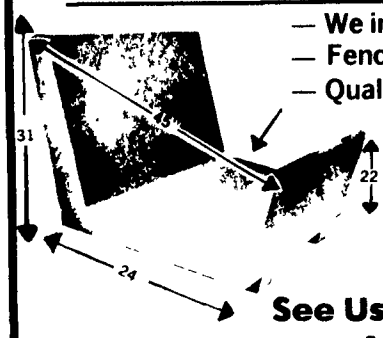

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Statewide crop association eyed

TOWANDA — The Sulbra (Sullivan and Bradford County) Crop Management Association recently held its first annual meeting in Wysox.

The Association's financial situation was explained by Treasurer Jasper Smith of Canton. Smith indicated that at the completion of the first fiscal year the organization was solvent and financially successful in meeting all committments.

Nelson Wells of Sheshequin, Vice President of the Association's Board of Directors' reported on the membership status. According to Welles, the Association now has 29 members and approximately 5,900 acres enrolled. The Association is expected to grow rapidly when the financial climate for dairy farmers improves.

Gary Polly of Troy, Crop Management Technician, reported to members details of his involvement during the year. He explained his schedule of work, what needed to be done at various times of the year, why schedules were altered peak times of soil sampling etc. Gary indicated also how he expected his work schedule to be during 1984 after one year of experience.

Al Homan, Bradford County Extension Agent, reported on the history and progress during the past year explaining the growth of the Association and the steps and extensive work done by the Board of Directors to form the Association. He explained the possible formation of a statewide association with a fulltime manager to assist county associations with problems, direct training for technicians and directors, coordinate services, etc. Homan expects progress in formation of a statewide organization by 1985.

Tom McCarty of Sugar Run, President of the Board of Directors, assisted by Board Member Bill Lambert of Dushore, conducted the election of board members for 1984. Those elected were Charles Allen of Granville, Nelson Welles of Sheshequin, Tom McCarty of Sugar Run, Bill Lambert of Dushore, Duane Wilcox of Canton, John Wilcox of Troy, and Sidney Lewis of Wysox.

The ultimate goal of the Sulbra Crop Management Association is more efficient crop production. This involves assisting members in the use of the latest available technology in relation with the data collected on their individual farms. The Association was formed in 1982 by a group of area farmers who recognized that a service in the area of agronomic crop production could dramatically improve profits through increasing efficiency with a multiple function, comprehensive program.

For information about the Crop Management Association call any of the above directors or the technician, Gary Polly at 297-4417 or Al Homan at the Extension office at 265-2896.

22 commodity reps to perform

HARRISBURG — Four new commodities will be represented among 22 agricultural products enthusiasts who will gather to promote "The Pride of Pennsylvania" at the 68th Pennsylvania Farm Show, January 8-13 at the Farm Show Complex in Harrisburg.

Strawberry Queen Karen Lisa Bird of Muncy, Lycoming County; Poultry Queen Brenda Hershey of Marietta, Lancaster County; Pennsylvania Candy Queen Deboray Rovazzini of Hershey, Dauphin County; and FFA Representative Carolyn Witmer of East Earl, Lancaster County, are the latest additions to the "ag team" who will tout the merits of their products during Farm Show Week.

Products ranging from apples to wool will be on display at the show for visitors to sample and view. Pennsylvania foods will be highlighted in the Pennsylvania Food Marketplace in the lower concourse of the large arena and at booths sponsored by state commodity associations on the main exhibition floor.

The other commodity group representatives include Pennsylvania Apple Queen Laurie Roth of Fairfield, Adams County; Pennsylvania Cattlemen's Queen Sheila Fairbairn of West Chester, Chester County; Dairy Goat Youth Representative Debra Lee Smeltzer of Bellefonte, Centre County; Pennsylvania Dairy Princess Tamara Lynn Cree of Carmichaels, Greene County; and Pennsylvania Draft Horse and Mule Queen Debbie Shupe of Homer City, Indiana County.

Other representatives include Pennsylvania Evergreen Queen Susan Mae McCullough of Creekside, Indiana County; Pennsylvania Flying Farmer Queen Betty Orendo of Bethel, Berks County; Pennsylvania Grape Queen Sally Luke of North East, Erie County; Pennsylvania Honey Queen Robin Ann Staudenmeier of Conyngham, Luzerne County; Keystone Pony Pulling Queen Vicki Steckly of Mount Pleasant, Westmoreland County; Pennsylvania Lamb and Wool Queen Aimee Sheeder of Somerset, Somerset County; and Pennsylvania Maple Sweetheart Deanna Stahlman of Reno, Venango County.

Also, Mr. Penn State College of Agriculture Daryl Schafer of Spring City, Chester County; Ms. Penn State College of Agriculture Marcia Minor of Washington, Washington County; Pennsylvania Mushroom Queen Stephanie Tingley of Chatham, Chester County; Pork Cookout King Eugene Wenger of Mt. Joy, Lancaster County; Pennsylvania Potato Queen Tammy Zimmerman of Boxwell, Somerset County; Pennsylvania Red Cherry Queen Angela Kay Taylor of York Springs, Adams County; and Penalope Peach Puppet portrayed by Gail McPherson of New Park, York County.

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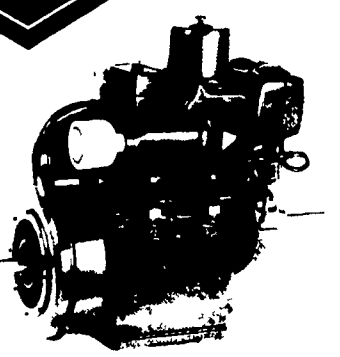

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DEALER INQUIRIES INVITED

Poultry farmers to receive additional state aid

LANCASTER — State poultrymen battling a highly pathogenic strain of avian flu received encouraging news this week as state officials announced that additional state aid will soon be available to compensate for bird losses.

At a meeting Wednesday in Harrisburg, state officials said funds will be provided to reimburse farmers for birds which died of the highly pathogenic avian virus before federal indemnity programs took affect. Under the prior program, farmers receive indemnity payments only for the bird losses which occurred after a task force census was taken.

State Secretary of Agriculture Penrose Hallowell said that many farmers whose flocks were depopulated had substantial death losses prior to the USDA "extraordinary emergency" declaration.

"We intend to provide state funds for these farmers to cover bird losses which are not eligible under federal indemnities," Hallowell said.

According to state officials working with task force personnel sent to eradicate the deadly disease, nearly 200,000 birds died of the "hot" strain but were not eligible for federal indemnities.

The state Department of Agriculture began mailing funding application forms to farmers on Wednesday. Funds for reimbursement for death losses will be made available after Jan. 24, the deadline for return of the applications.

Additional state assistance will be determined, Hallowell said, "when we have the information from farmers to properly assess the total costs of such a program, and if efforts to secure state legislation are successful."

Another area where poultrymen have been faced with high costs is cleaning and disinfecting. Hallowell said his department has been working with legislators to secure state authority and funding to help reimburse some of these costs.

"If state legislative efforts are successful, we will provide additional compensation for portions of certain other costs, including cleaning and disinfection," Hallowell said.

In other matters, the Scientific and Technical Advisory Committee regarding avian flu met recently and recommended to the USDA that all flocks infected with avian flu be depopulated. The committee advised that to eradicate the disease both high and low pathogenic flocks need to be depopulated.

The recommendation is based on two premises. First, committee members said, laboratory results are no longer precise as they had been in the beginning. To be determined highly pathogenic, the serum from infected flocks killed six of eight test birds. Today, the serum is killing a varying number of birds, making diagnosis almost impossible.

Secondly, and more importantly, is that no progress has been made in eradicating the disease. The committee attributes this to the continued presence of low pathogenic flocks.

If the committee's recommendation is accepted, all flocks confirmed with avian flu in the future would be destroyed.

According to Tim Allwein, a spokesman for the Pennsylvania Poultry Federation, the Scientific and Technical Advisory Committee is strictly advisory to the USDA and has no official authority. To date, task force officials had not met to discuss the committee's recommendation, Allwein said.

In an update on the avian flu situation, 222 flocks had been confirmed hot as of Thursday. This includes nine million birds. A total of 217 flocks, representing 8.8 million birds, had been depopulated

Legacy of J.D.

(Continued from Page A22)

meat sales at the annual auction for the Center.

About 30 different 4-H organizations took part, including community clubs, special commodity clubs and judging teams.

Monies earmarked to the Center paid for the drilling of a desperately-needed new well, which cost over $4,000. Remaining funds went to help pay the installation of a new heating and air-conditioning unit.

Teams sent their members to state and national competitions. Commodity clubs helped fund stockmen's and dairymen's contests at the 4-H fair, and community clubs added to treasuries which sponsor achievement nights, send members to various functions, and contribute to community service causes.

While the last bites of the Choice steer's meats are most likely gone, his memory will live on through a public-spirited buyer, the far-sighted imagination of a group of leaders, and the enthusiastic sales leg work of a host of York County 4-H and FFA members.

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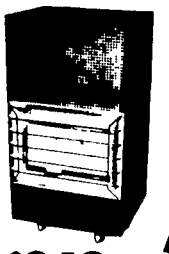

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Farm Show

(Continued from Page A1)

Original Ink Spots, Al Raymond's Big Band, Miss Pennsylvania and Sassafrass, of the Grange. This is the only event requiring tickets that must be purchased.

Monday night is Secretary of Agriculture Night, featuring awards going to the Farm Show Family of the Year, Agribusiness of the Year and Senior Farm Couple. Also, there's the Cumberland County 4-H Horse and Pony Club and hitched-horse competition.

Tuesday night features the Pennsylvania FFA Band and the Folk Dance Festival.

Horse-pulling is planned Wednesday night. Also on tap is the Sheep to Shawl Contest and Auction in the Small Arena.

The final night of entertainment on Thursday features pony-pulling and the Bid Calling Contest in the Small Arena.

And the traditioonal windup comes on Friday afternoon with the sale of the junior beef, market hog and lamb grand champions.

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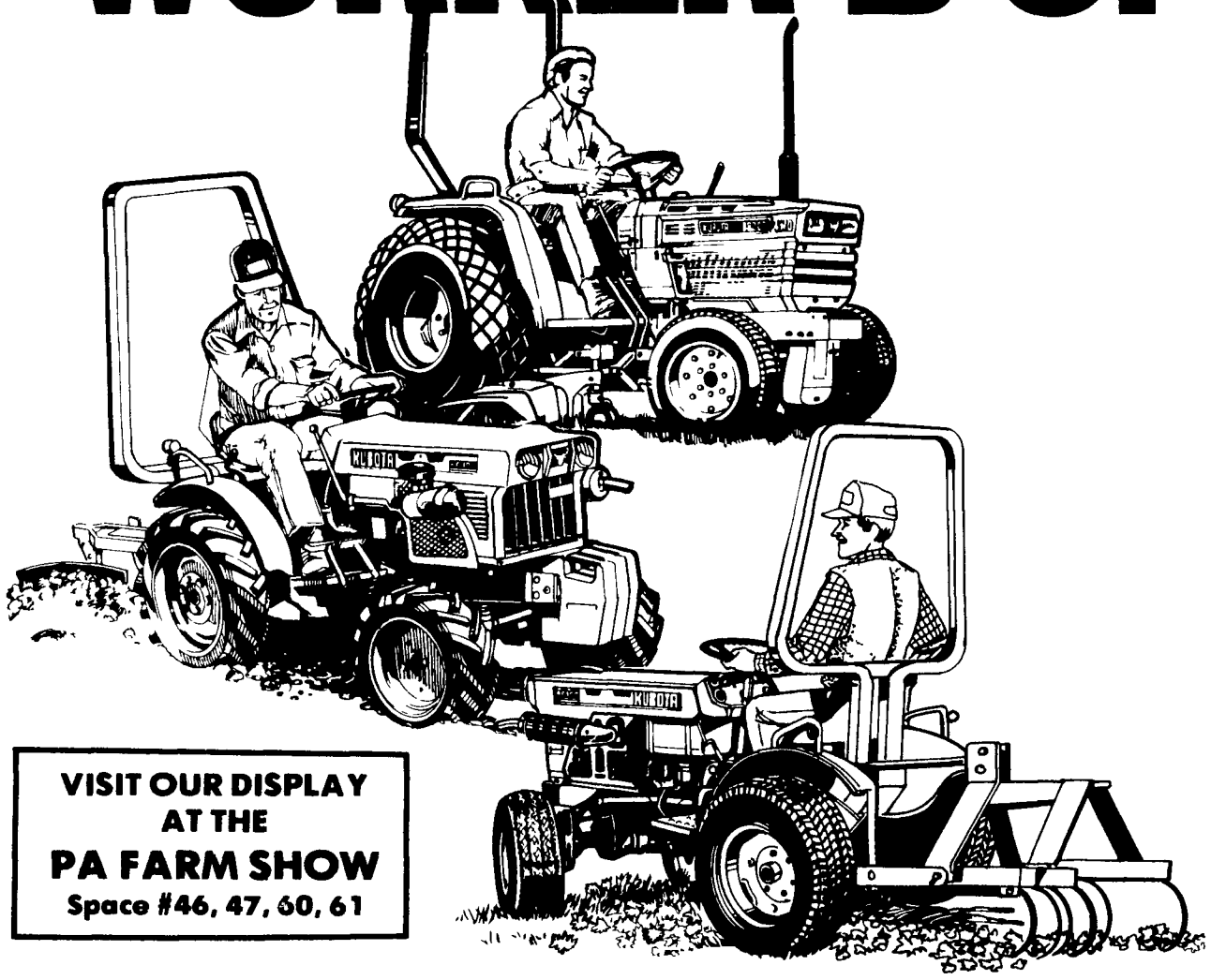

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AT 11:00 A.M.

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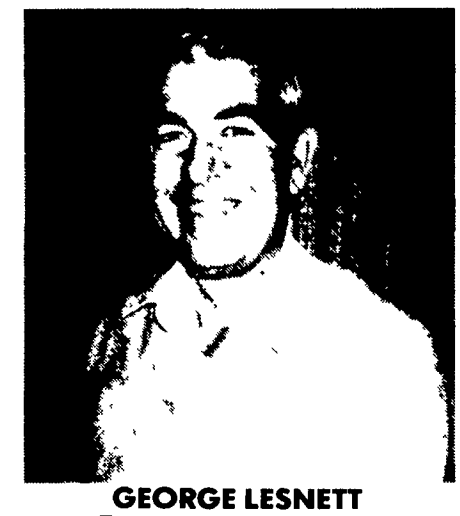

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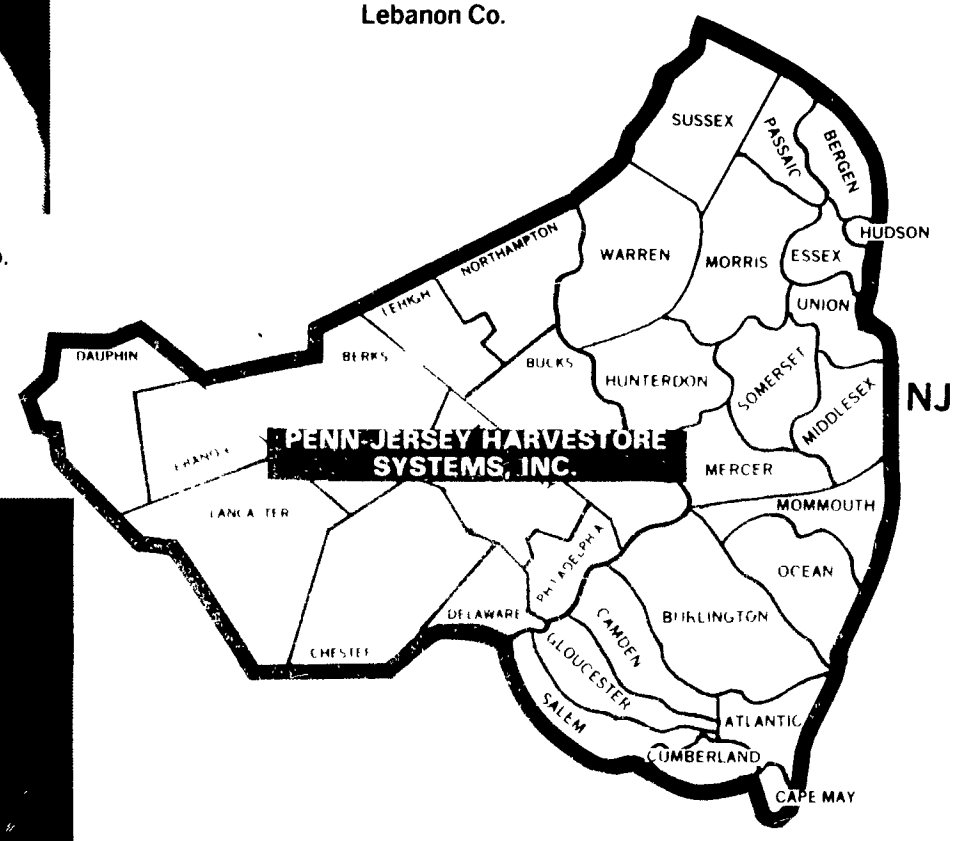

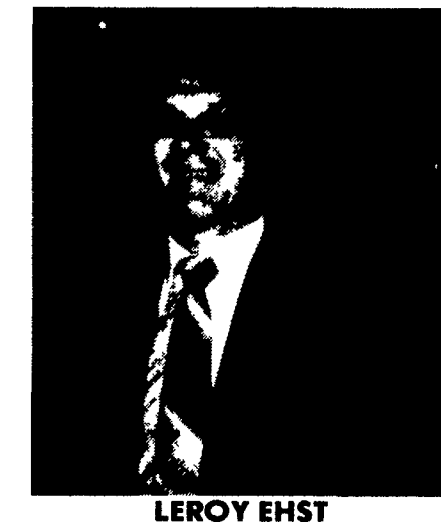

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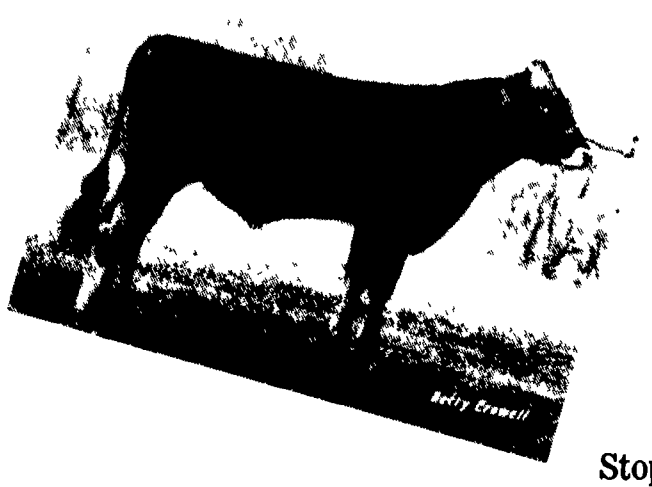

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Victorian Farm Wife Featured in Farm Show Display

BY SALLY BAIR
Staff Correspondent

A visit to the exhibit by the Pennsylvania Farm Museum of Landis Valley will offer a nostalgic trop for some Farm Show visitors, and an educational experience for others.

In a departure from their customary displays, the museum staff is featuring the Victorian farm wife and offering an insight into the life of a farm wife from about 1880 to 1910. There will be readily recognizable tools and household equipment along with the "latest" in vacuum cleaners and washing machines.

Kim Becker, an anthropology major at Franklin and Marshall, helped prepare the exhibit as part of an internship which she served at the museum during the fall term. Kim says, "We wanted to emphasize how valuable the work was that the farm wife did. She was doing basically the equivalent of what the male was doing."

Indeed, a quick glance at the variety of equipment used by the Victorian farm wife quickly establishes the wide range of activities which fell to her to do. There was not just house work, which took many hours for the simplest taks, but there was also gardening and often field work as well. On most farms there was the added chore of turning milk into cheese and butter for family consumption.

Nadine Steinmetz, a curator for the museum, says, "Things weren't nearly as simple and easy in the good old days as we like to believe."

Kim Becker poses with the sign she painted to accompany the Farm Museum's exhibit at the Farm Show. "The Victorian Farm Wife" will depict many of the items used by farm wives in their daily chores around the 1900's.

A wood stove stood prominently in the farm kitchen and was used not just for heating, but also for cooking. This stove was painstakingly cleaned of its rust so it could make an appearance at the Farm Show.

Turning milk into other dairy products took a lot of time for the Victorian farm wife and her family. Here is the butter working table and the butter churn, both of which would have been used regularly on the farm.

The farm wife's day started early, and she rose before her husband to prepare a hearty breakfast for him to start his day. Of course, three hearty meals were expected, along with canning and preserving. The cook stove played a large part in the farm home, and it will also figure prominently in the Farm Museum display at the Farm Show. The stove on display is a Penn Esther, manufactured in Reading, about 1880.

Kim proudly relates that she worked at restoring the stove to its present condition from a very rusty one The project took several days, and Kim says she used very fine steel wool and turpentine, an approved museum method of working on an old cast iron stove.

Kim points out that the stove would have been used on a regular basis throughout the year, and they were mostly kept running with coal.

Dairy items are also dominant in the exhibit, reflecting their importance in a farm home. There will be a butter churn and butter working table, in addition to a cheese separator, a butter press and a cheese press. The butter press is especially interesting, because it allows a decorative stamp to be added to the butter with just the press of a lever.

Washing the family clothing was another chore that took a lot of time in that era, and a washing display will feature some of the equipment a farm wife would have used. On dispaly will be a copper wash boiler, in which clothes were acturally boiled to help in the cleaning process. There will also be washboards, but there is also a "washing machine" of an early variety.

The washing machine is a half moon tub on legs, with a lever allowing the user to move the barrel to produce a sloshing effect to help clean the clothes. The machine had to have the water dipped out, or had to be tipped over to empty the water. There is also a wringer on display, and, of course, a bar of lye soap which was a necessity.

One of the more interesting "appliances" Kim found in her research is a very early vacuum cleaner. It is a hand powered upright cleaner, manufactured around 1900 The instructions for use are still on the machine, and one of the more succinct directions is, "Never pound on machine," Nadine says, "It was really a boost, and would be like any new gadget."

Nadine points out, "The work load did not decrease with advances in time. All that is different is the technology, which was not that advanced. Work time was not that much diminished."

Wall displays will include tools used in the garden such as a shovel, a grubbing hoe and a root chopper. There will also be a carpet beater and a bamboo broom, and a picture of women working in that era. Nadine says the photographs were made from original glass plates which were in the possession of the museum.

Of course food preparation took a large part of the day, and there is a walnut gateleg table which holds a slaw cutter, a wooden tray for drying and ryestraw baskets. Another item on display will be a charcoal steam iron, dating from about 1880, a step up from the irons heated on the stove.

There will be a baby in a high chair, since child care consumed a lot of time for a farm wife. The high chair has no tray, and Nadine

(Turn to Page B4)

Homestead Notes

Nadine Steinmetz, curator at the Farm Museum, demonstrates the use of a "modern" hand powered vacuum cleaner, which took a strong hand to operate.

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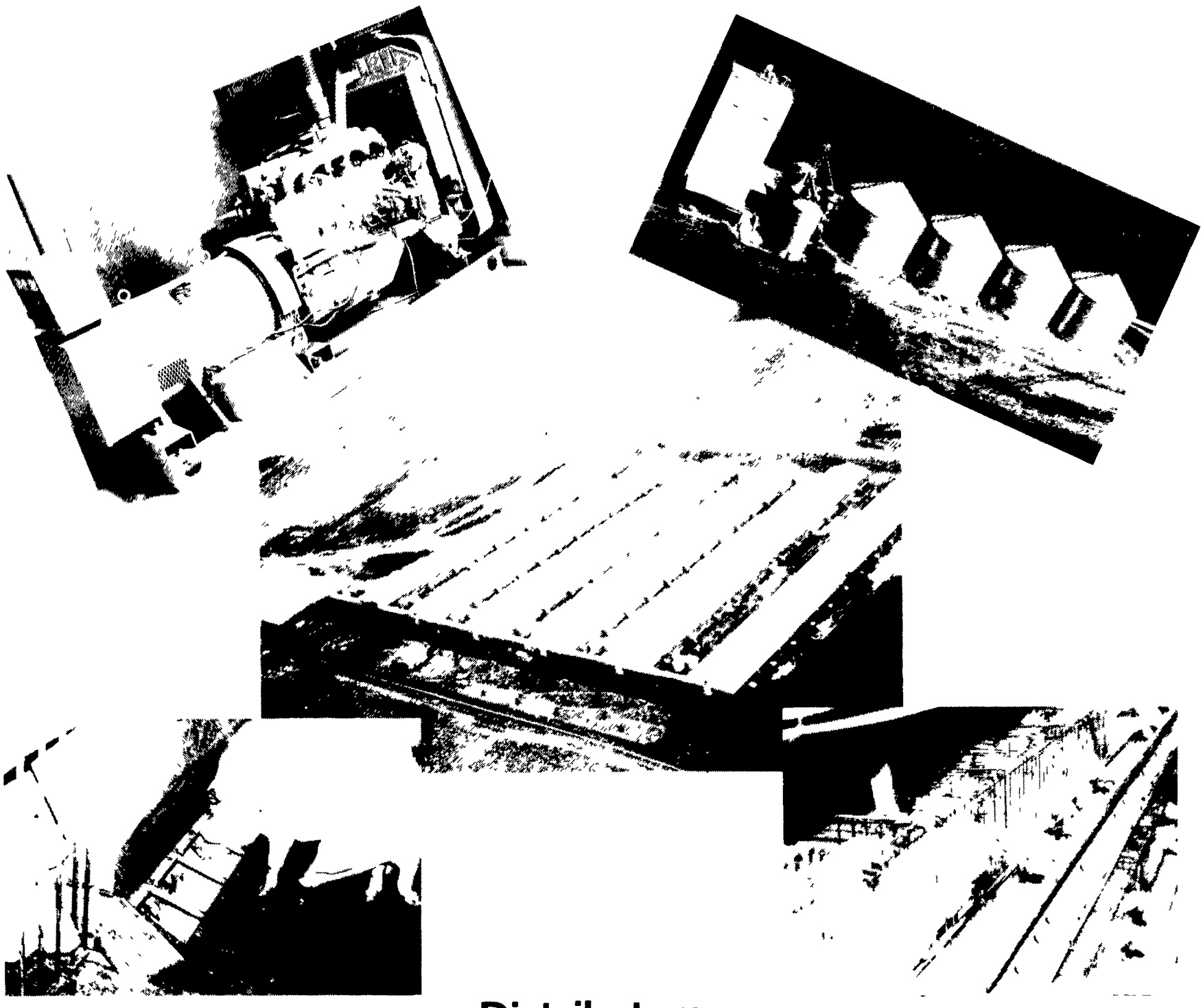

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Farm Show Display

(Continued from Page B2)

points out that babies were usually tied into the high chairs.

The two women pointed out that the chores done by the Victorian farm wife were done on a very regular basis, with a day to wash, a day to bake, and one to clean. "Their social schedule was their work," Nadine notes, "And they often made social affairs out of the work, like quilting bees and other get togethers."

In additin to the physical labor, it must be remembered that the Victorian farm wife often had the job of educating her children and providing for art in the home. This she often did through needlework and quilting.

In the Victorian era there were many extended family situations, which gave extra help, and there was often hired help in middle class families. Of course, there also provided extra months to feed and clothing to care for.

To find information for preparing the exhibit Kim studied at the Franklin and Marshall Library as well as using information available at the Farm Museum. She read a variety of books and excerpts from journals and diaries. She points out, "I found what I expected to find as I did my research." Despite their long, hard days, Kim notes that farm wives often made their own relaxation in the evenings by reading or doing needlework.

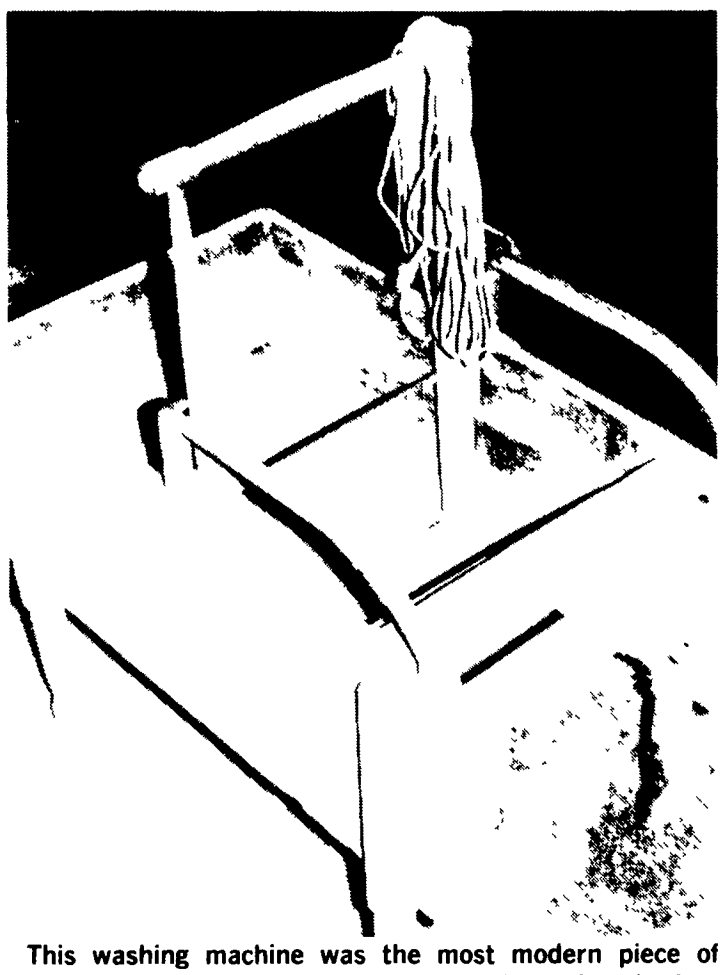
Nadine Steinmetz, left, and Kim Becker, show off some of the items which they hope will attract attention to their exhibit on the main floor just outside the large arena. The items are all part of the treasures of the Pennsylvania Farm Museum of Landis Valley.

In addition to researching and then finding the artifacts she needed at the Musuem, Kim also wrote an exhibit script which details the different items which will be on display. Nadine supervised Kim's work during the internship and says, "It is a hands-on experience with objects which she wouldn't get in the classroom. It allows her to adapt scholarship to practical skills."

Not everything could be included in the exhibit because of space and security limitations. Nevertheless, the exhibit offers an accurate view of some of the many jobs which kept the Victorian farm wife busy.

Nadine thinks it will draw a lot of interest and says, "I think people can identify with the late 19th century artifacts, and the stove will be a big drawing car. We've never concentrated exclusively on women before."

The Farm Museum exhibit is located just outside the floor of the large Arena, and will be staffed throughout the week. The Farm Museum itself will also be open, except for Monday, and Farm Show visitors may wish to make the trip to Lancaster to visit the only museum of its kind in the state museum system.



This washing machine was the most modern piece of equipment available in the late 1800's, and saved work when compared with the washboard. The half-moon shaped tub sloshed the water and the clothing to help with the cleaning process. The dirty water was either dipped out or poured out.

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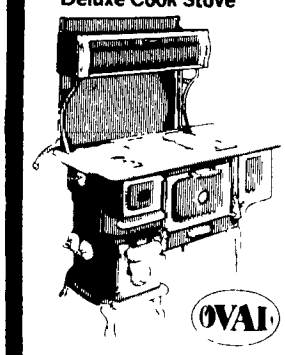

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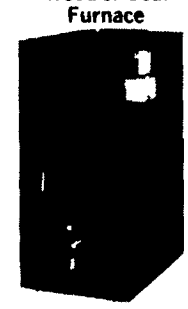

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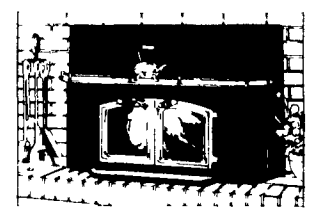

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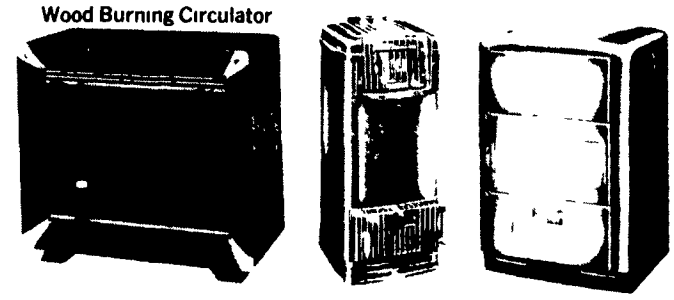

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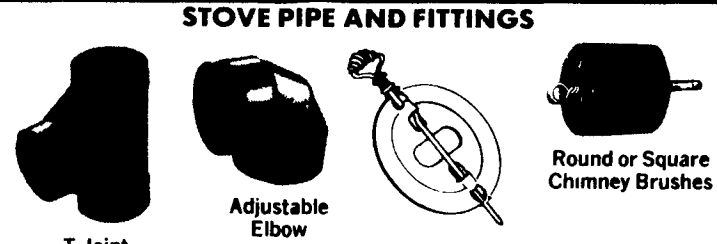

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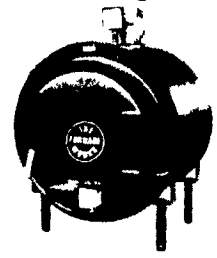

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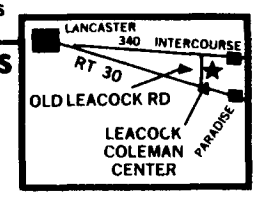

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Pequea Valley Grange 2078

The Pequea Valley Grange No. 2078 held their Christmas meeting with Santa Claus in attendance. The following officers were elected for 1984: Master - Robert Coates; Overseer - Jacob Kreider; Lecturer - Dorothy Zimmerman; Stewart - Lewis Delinger; Assistant Stewart - Pat Wiley; Lady Assistant Stewart - Carol Wiley; Chaplain - Eleanor Hudson; Treasurer - Dale High; Secretary - Ruth A. Clark; Gatekeeper - Jacob Summers; Ceres - Jean Summers; Pomona - Sandra Weir; Flora - Ila Coates; Executive Committee - Harold Weir - 3 year term; Bonnie Summers - 2 year term; James Lyle - 1 year term.

Meetings are held the second and fourth Thursday of each month at the Paradise Municipal Building, along Route 741 at 8 P.M. For additional information about the Grange call Robert Coates, 442-4134.

Ida's Notebook

Ida Risser

Often I wish that I knew more about music than I do. My musical education consisted of a year or two piano lessons after I was old enough to drive myself to a teacher. They say "practice makes perfect" and I simply do not practice.

We bought a used piano when our oldest daughter was in elementary school and she took lessons and eventually bought her own piano. She also practiced faithfully on the violin and was able to play in her college orchestra. The other girls had flute lessons and piano lessons. Cindy played in her high school band for several years and also played solos in our church. But, our three boys showed no interest in music lessons.

The reason that I got to thinking about music was the discovery of two very old music books that were in my family. The one was published "in the thirty-fifth year of the independence of the United States of American, A.D. 1810" by John Wyeth. It belonged to my great, great grandfather, Henry Shreiner, and is a "Repository of Sacred Music." The cover is in bad shape and appears to be made of bits of cloth and some form of paper pulp. The titles of the songs range from "Alpha," "Devotion," "Lenox," "Middletown" and "St. Helens" to "Treasure."

Another music book in my possession is dated 1825 and was hand drawn by "Martin Shriner, mill wright." All the lines, notes and words are written in ink by him. Some songs are in German and I can't read the script. It contains titles like "Nobody coming to marry me," "Blue Eyed Mary", "Jefferson's March" and "The Washerwoman." It was written over a period of six months and must have taken lots of time and patience to carefully copy it by hand.

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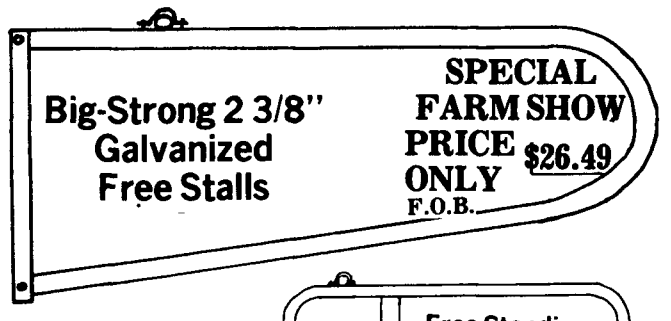

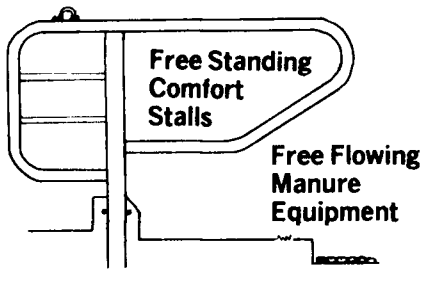

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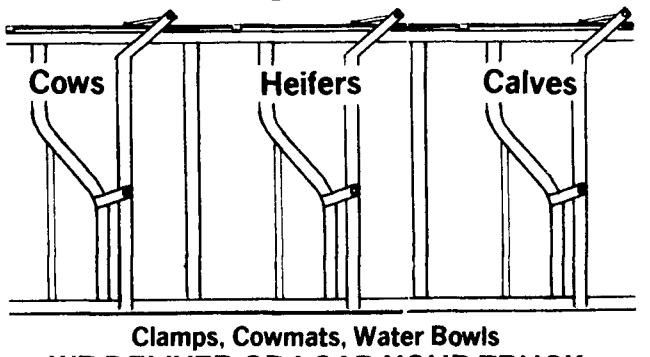

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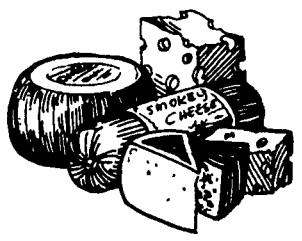

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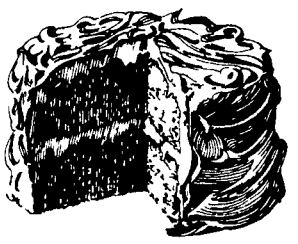

Be Creative: Cook Chinese Food

This week's recipes come to us courtesy of the Mifflinburg Future Homemakers of America (FHA).

Betty Jane Mincemoyer, leader of the group and home economics teacher at the Mifflinburg Area High School, explained that her FHA group recently made a Chinese dinner featuring some of these recipes for their local chapter of Young Farmers.

Included with her recipes were dietary tips on Chinese food. According to her, Chinese food is low in calories and high in nutrients. "It offers a harmony in aroma, color, taste and texture," Mrs. Mincemoyer wrote.

Begin the new year on an adventurous note, and try some of these new recipes.

SWEET AND SOUR PORK

1 1/2 pounds lean pork, cut in 2xl/2-inch strips
2 tablespoons hot shortening
1 chicken boullon cube
1 1-pound 4 1/2-ounce can pineapple chunks
1/2 cup brown sugar
2 tablespoons cornstarch
1/4 cup vinegar
1 tablespoon soy sauce
1 medium green pepper, cut in strips
1/4 cup thinly sliced onion
hot cooked rice

Brown pork slowly in hot shortening. Add one cup water, bouillon cube and 1/4 teaspoon salt; mix well. Cover and simmer until tender, about one hour. Meanwhile, drain pineapple, reserving syrup. Combine brown sugar and cornstarch; add reserve pineapple syrup, vinegar, soy sauce and 1/2 teaspoon salt. Cook and stir over medium-high heat until thickened and bubbly. Remove from heat. Add sauce to pork; mix well. Stir in pineapple, green pepper and onion. Cook over low heat two to three minutes or until vegetables are tender-crips. Serve over rice.

Chinese food is a good way to start 1984. Why not begin the new year with something different? Your family will love it.

Cook's Question Corner

ANSWER - Many readers must like chili on cold winter nights, because many, many chili con carne recipes came pouring on. Thanks go to Martha S. Martin, Ephrata, for the first recipe, and the second came from a reader who did not enclose a name.

Chili Con Carne

2 to 3 cups cooked kidney beans
1 pound ground or cubed beef
2 tablespoons chopped suet
1½ teaspoons salt
1 tablespoon flour
1½ teaspoons chili powder
2 cloves of garlic or minced onion
1 cup hot water
2 cups tomatoes

Melt the suet and add garlic or onion. When onion is slightly brown, add the ground or cubed meat Add flour, salt and chili powder to meat and blend together. Then add canned tomatoes and hot water Cover and let simmer slowly for one hour, adding water if necessary. Add kidney beans and bring to a boil.

Chili Con Carne

3 tablespoons fat or cooking oil
1 large chopped onion
1 green pepper, diced
1 pound ground beef
1 16 ounce can tomatoes
½ teaspoon all-purpose seasoning
1 teaspoon Worcestershire sauce
1/8 teaspoon pepper
1 tablespoon chili powder
½ teaspoon garlic seasoning
½ teaspoon salt
1 16-oz. can kidney beans

Heat fat in large skillet. Add onion, green pepper and beef. Brown meat, stirring often and breaking it up with the side of a spoon as it cooks; dip off excess fat. Stir in next eight ingredients. Simmer mixture, covered, about one hour, stirring occasionally.

Recipe Topics

January	
14	Favorite Hamburger Dishes
21	Egg-citing Eggs
28	Snacks for Anytime

CHICKEN AND CHINESE NOODLES CASSEROLE

1 cup chopped celery
1 can condensed cream of mushroom soup
1 can condensed cream of chicken soup
3/4 cup evaporated milk
3 cups chow mein noodles
1 1/4 cup cubed cooked chicken
1/4 cup chopped green pepper
1/4 cup chopped pimiento
1 teaspoon salt

In saucepan, cook celery in small amount of salted water until tender. Drain. Combine soups and milk in two-quart casserole. Add celery and remaining ingredients. Stir to combine. Bake at 350 degrees for 50 to 60 minutes.

CHINESE FORTUNE COOKIES

1/4 cup plus two tablespoons butter or margarine, softened
1/4 cup plus two tablespoons sugar
2 egg whites
1/2 teaspoon almond extract
2/3 cup all-purpose flour

Grease and flour 2 to 3 cookie sheets. Draw 3-inch circles on cookie sheets - about one-inch apart - with the tip of a dull table knife. Set aside. Combine first 4 ingredients; beat at medium speed of electric mixer until blended. Stir in flour. Drop by rounded tablespoonfuls into circle on prepared cookie sheet, and spread each to fill circle. Bake at 400 degrees for 4 minutes or until edges are lightly browned. Remove from oven. Working quickly, loosen cookies with spatula, but leave on warm cookie sheet. Working one at a time, place folded fortune in center of cookie. Gently fold cookie in half. Bend folded edge of cookie downward. Place in muffin pan to harden. Repeat with remaining cookies. If cookies cool and become too brittle to fold, return to warm oven briefly to soften.

(Turn to Page B8)

Featured Recipe

If you are a sand tart lover and think they can only be served at Christmas, think again. Margaret Lefever gave us her sand tart recipe and said she uses it all year, decorating the cookies to match the season. She makes hearts for Valentine's Day, and once made horses for a 4-H pony club. So, if you want to keep a bit of that holiday cheer all year, try Margaret's recipe. Read about Margaret's quilting abilities and her latest project on page **B26** .

Sant Tarts

1/2 pound butter
2 cups sugar
4 eggs
4 cups flour

Mix ingredients together, divide into four parts and chill. Roll dough out and then cut with your favorite cookie cutter. Baker at 375 degrees until light brown. Decorate. Margaret warned that it is best to keep your eye on them when baking, because they burn easily.

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American Agri-Women

Elect Officers

EUGENE, Ore. — American Agri-Women, the 35,000 member organization dedicated to promoting agriculture for the benefit of the American people and the world, elected three members to high office at their annual convention which was recently held in Eugene, Oregon. Carolyn Leavens, of Ventura, California, was elected president; Jean Ibendahl, of Tamaroa, Illinois, first vice president, and Mitzi Ayala, of Davis, California, second vice president. All are active in local and national agricultural organizations.

Finishing the first half of their two year terms are: Third Vice-President, Mildred Schultz, of Coloma, Michigan; Treasurer, Julia Hinther, of Selman, Oklahoma; and Secretary, Jeanne Mertz, from Manhattan, Kansas. Past President Ruby Ringsdorf, of Eugene, Oregon, will continue on as a member of the American Agri-Women Executive Committee.

President Leavens, whose Leavens Ranches produce 800 acres of citrus and avocado crops, is a former president of California Women for Agriculture. She serves a four-year term on the State Board of Food & Agriculture in her native California, and is a trustee of the California Agriculture Foundation.

Vice president Ibendahl Farms 700 acres of grain and pork. A past president of Illinois Women for Agriculture, Ms. Ibendahl also serves on the National Agriculture Foundation and USDA Task Force among other organizations.

Second vice president Ayala farms 500 acres of rice as well as writing a weekly column for the Capitol News Service and hosting and producing a bi-weekly television series that appears in close to 50 stations throughout the country. The television series, COUNTRY COMMENTS, is sponsored by Du Pont Agrichemicals, and is designed to inform the non-farm public about American agriculture.

Speaking out for the American farmer, Ms. Leavens says, "It's an open secret that our American Agricultural system provides us with a greater abundance and quality of food at lower cost than anywhere else in the world. American Agri-Women seeks to preserve and protect the family farm system which has enabled us to produce food so effectively and efficiently."

Adds Ibendahl, "Few people realize the importance of agriculture to our economic system. One of the best ways to get this message out is by reaching students in the classroom, giving them the latest information about agriculture. American Agri-Women are the logical people to do this."

Ms. Ayala adds, "By the year 2000 our population will have grown from 4.7 billion to 6.2 billion, and America will play the major role in feeding these people. American farmers need the understanding and support necessary to meet their responsibility in feeding a hungry world."

The 8th annual convention of American Agri-Women was addressed by Secretary of State Norma Paulus. Ms. Martha Mautner, deputy director of the USSR and Eastern European Office in the Department of State's Bureau for Intelligence and Research, was keynote speaker.

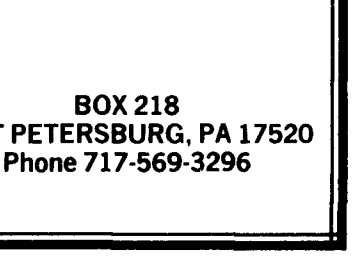
All of the elected officers will be appearing on television and radio nation-wide in the coming year to promote the cause of American agriculture.

Young Farmers Schedule Meeting

DOVER — The Dover Young Farmers Association will hold a meeting on weed control at 7:30 p.m. in the Dover High School Vo-Ag Room on Jan. 19. William Steenwyk from the Extension service will be the speaker.

On Jan. 31, Frank Cerda from Farm Credit Service will speak on "Preparing Cash Flow Statements." The meeting is scheduled for 7:30 p.m. in the Dover High School Vo-Ag Room.

The group's annual banquet will take place Feb. 17 at the Dover Firehall.



Chinese Food

(Continued from Page B6)

CHINESE BROWN SAUCE

Melt 1 tablespoon butter. Combine 2 teaspoons cornstarch and 1 teaspoon sugar; blend into butter. Add 1/2 cup water and 1 1/2 tablespoons soy sauce. Cook stirring constantly, until mixture is thick and bubbly. Add 1 cup bean sprouts and heat until bean sprouts are piping hot.

CHINATOWN SPINACH SALAD

Dressing:
1/3 cup salad oil
2 tablespoons red wine vinegar
1 tablespoon minced scallions
1 teaspoon soy sauce
1/4 teaspoon dry mustard
1/8 teaspoon pepper
Salad:
1 can (8 1/2 oz.) water chestnuts, drained and sliced
1 pound fresh spinach
1/4 pound fresh mushrooms, sliced
1 tablespoon lemon juice
4 slices bacon, crumbled (optional)

In a small mixing bowl, combine salad oil, vinegar, scallions, soy sauce, mustard and pepper; beat well to blend. Add water chestnuts; blend to coat evenly. Chill several hours, stirring occasionally. Wash spinach well and remove stems; drain thoroughly. Just before serving, tear spinach into bite-size pieces. In salad bowl, combine spinach and mushrooms. With slotted spoon, remove water chestnuts from dressing and add to salad. Add lemon juice and toss well. Add bacon and dressing to taste; toss again.

SHRIMP EGG FOO YONG

1/2 cup chopped onion
1 clove garlic, minced
1 tablespoon shortening

Cook in skillet until tender, but not brown.

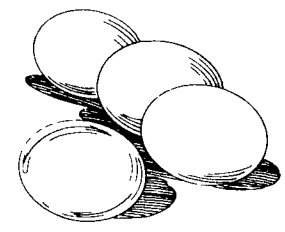
Combine:
6 slightly beaten eggs
1 cup shrimp, drained
1/4 teaspoon salt

In skillet cook egg mixture slowly in 2 tablespoons of hot shortening. Run spatula under edge, lifting so uncooked portion flows underneath. When egg is almost cooked, but still shiny and loose edged, roll or fold one half over. Serve on warm platter with Chinese Brown sauce.

EGG DROP SOUP

2 (13 1/4 oz.) cans chicken broth
1 tablespoon cornstarch
1 well beaten egg
2 tablespoons sliced green onion

Blend in saucepan. Bring to boil, stirring constantly. Remove from heat. Gradually add egg, stirring in figure eight style, until eggs separate into shreds. Add green onions; season to taste. Serve immediately.



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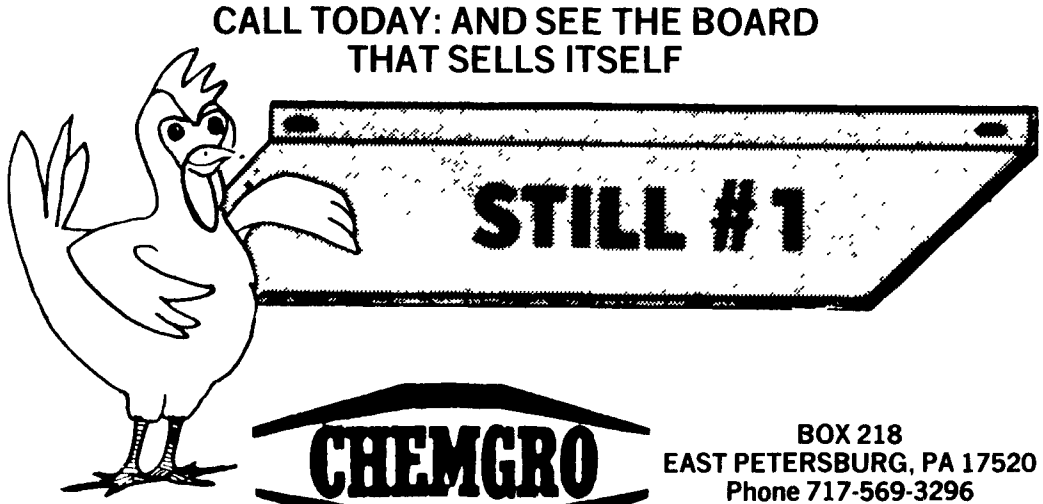

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Ladies Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

Your Crafts Are Showing

Have you received a beautiful hand-made craft and not known what to do with it? Crafts are not only made to be used, they can also be displayed to beautify and add character to your home.

One of the best things about decorating with crafts is their availability. We make our own, receive them as gifts, and buy them at fairs and festivals. If you want to use the crafts you have to decorate your home, select those that show quality in design, workmanship and materials.

There's a place for crafts in nearly any room of your house. Try hanging or displaying them in unexpected places such as hallways, bedrooms, bathrooms, and kitchens to create your own crafts gallery.

Two and three dimensional crafts have different space needs for display. Generally, three dimensional crafts such as furniture, pottery, baskets, and boxes need only space for the object and a surface that will support their weight. Two dimensional crafts can be hung on their own, hung within a frame, or grouped in a series of related crafts in or out of frames.

Look for the unexpected spot to show your crafts. Study the space and the area around it so you can select a craft that "fits" and relates to the surrounding objects.

Design is the key to how and where you display your drafts. Place them at eye level and integrate them so that your eye moves easily around the room. Establish a focal point to showcase your best pieces and allow them room to breathe and be noticed.

Once you have decided where, you need to think about how. Test the condition of the wall and the weight of the object. Some types of walls are able to support more weight than others. You'll also need to decide whether you want to live with an arrangement of crafts for some time if you want to be able to change them around. Temporary and permanent installations require different types of preparation.

Post Holiday Poinsettia Care

To keep your Christmas Poinsettia in good condition, after the holiday is over, you need to give it special care.

Place the poinsettia where it will receive the greatest amount of sunlight — in south, east, or west exposures — and where the plant is not exposed to cold-air drafts such as near an outside doorway or on a window sill. Do not place the plant near a radiator, furnace register or fireplace.

Pionsettias grow best in temperatures which average 60° F at night and 70° F during the day — the same temperatures recommended for conserving energy.

Avoid over-watering. Too much water damages roots and causes the plant to wilt. Water when the soil becomes dry, but do not let it become so dry the foilage begins to wilt. Never allow a poinsettia to stand in water for long periods of time, especially, if the container is placed in a saucer for watering purposes.

When the colored bracts begin to fade, reduce the amount of water and place the plant in a cool place — 40° F to 45° F. Allow the plant to receive some light. Keep it slightly damp until May when it should be repotted and perhaps placed in the garden for the summer.

Light Horse and Pony Club

The Cumberland County 4-H Light Horse and Pony Club met recently at Ranchland for their annual awards banquet, Christmas Party and installation of officers. It was hosted by the West Club and included a buffet dinner, followed by a slide presentation of Cindy Frey receiving her Bob Evan's Quarter Horse.

The gavel was passed to incoming president Mindy Galbraith by past president Tom Schlusser. The entertainment for the evening was square dancing.

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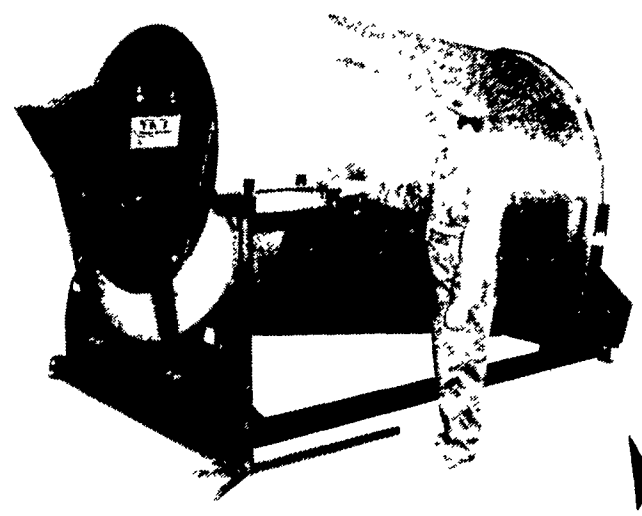

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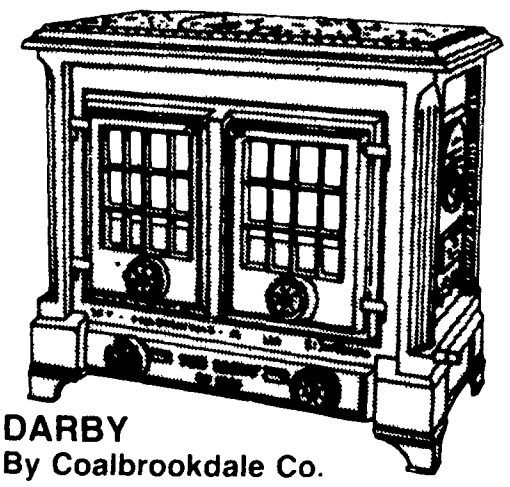

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Kid's Korner

Wildlife biologist Rodney Jackson of the California Institute of Environmental Studies cradles one of the three rate snow leopards he has trapped in the wilds of western Nepal. The big cats, temporarily sedated, were fitter with small radio transmitters so their movements could be monitored after their release.

Biologist Tracks Snow Leopard

WASHINGTON — The snow leopard — the rarest and least known of the world's great cats — is being studied systematically in the wild for the first time.

And wild it is. Rodney Jackson, a British wildlife biologist with the California Institute of Environmental Studies, tracks the animals in the Himalayas of western Nepal, a snow-covered region dominated by precipitous peaks and jagged ridges.

Glimpses of free-roaming snow leopards have been rate. A luxurious smoke-gray coat sprinkled with black spots permits it to fade into rocky backgrounds and mountain mists.

Sought for Pelt

But the handsome fur also imperils the leopard's future. Although trade in snow leopard pelts is illegal in much of the world, a coat fashioned by a skilled furrier still can bring up to $60,000 on the black market.

Jackson, whose work is supported by the National Geographic Society, hopes that, by accumulating information on the

(Turn to Page B14)

What Did You Say?

It must have been the holiday season that inspired everybody's guess as to what the elephant seals were saying, as we got many, many letters saying the seals were wishing each other Merry Christmas or Happy New Year.

There were some other answers, however. Janice Weaver, Lebanon R2, thought the seals were saying, "Come and join us. We're having lots of fun." Wendy Bender, Lancaster, thought the seals were telling each other a joke, and one of our young-at-heart readers from Washington Boro thought the seals were singing "Oh What a Beautiful Morning."

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4.	BLUE	9.	LT. BLUE
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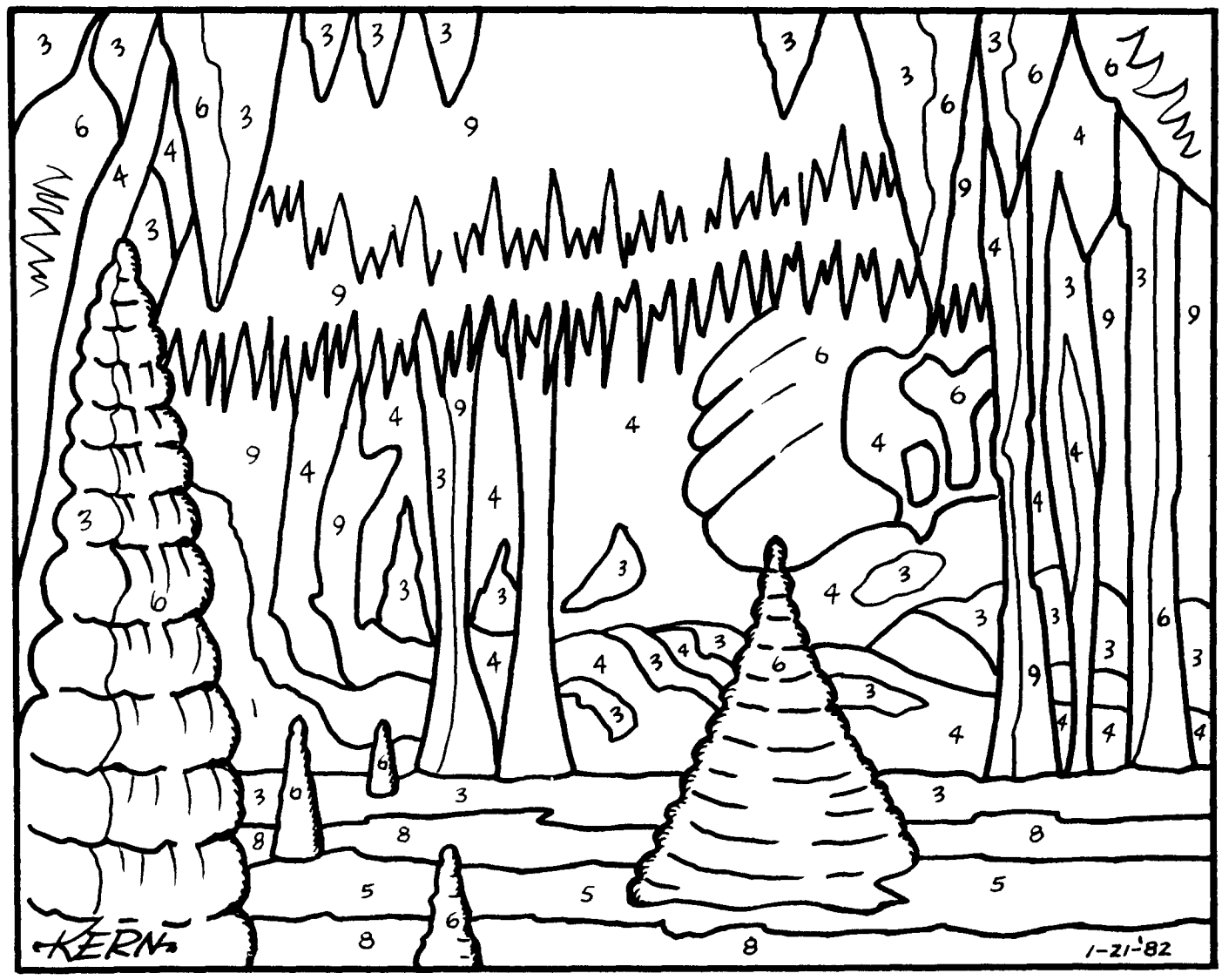

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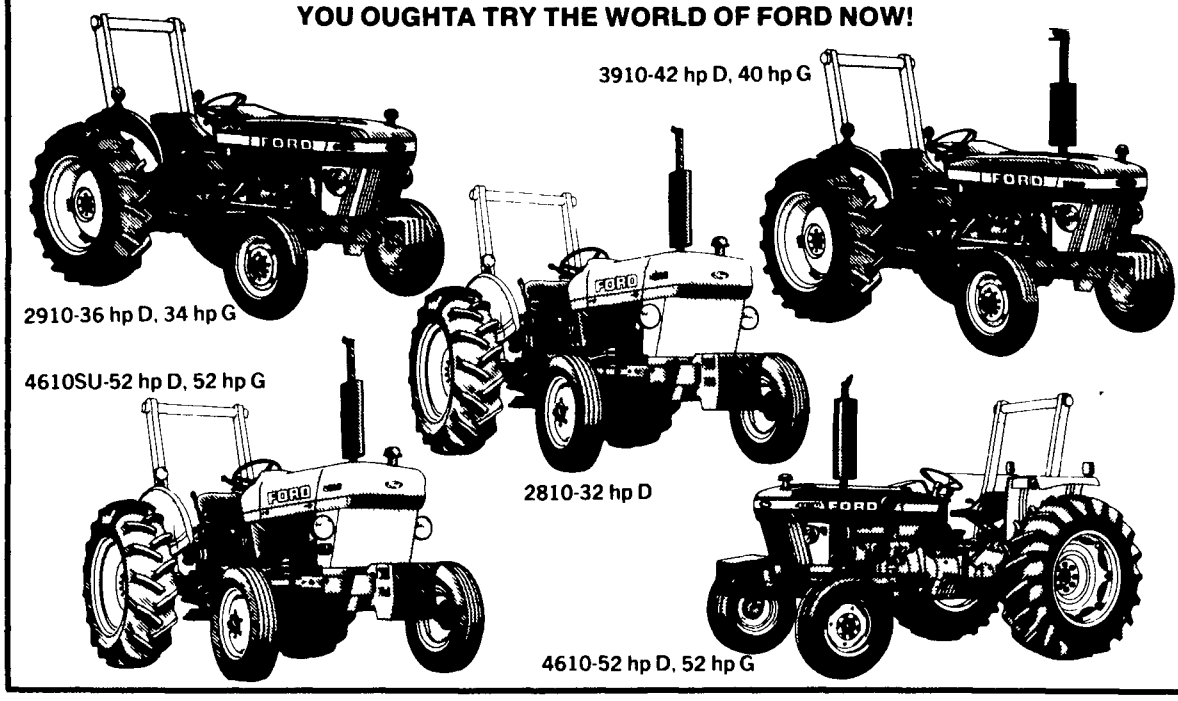

2910-36 hp D, 34 hp G

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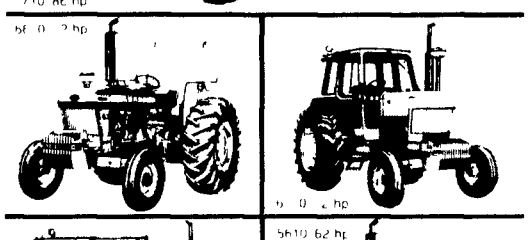

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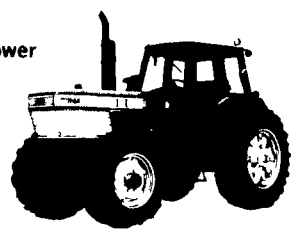
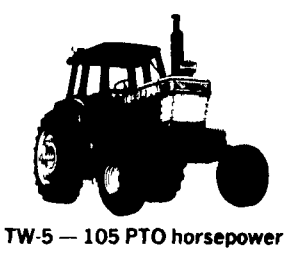


TW-25 — 140 PTO horsepower

TW-15 — 120 PTO horsepower



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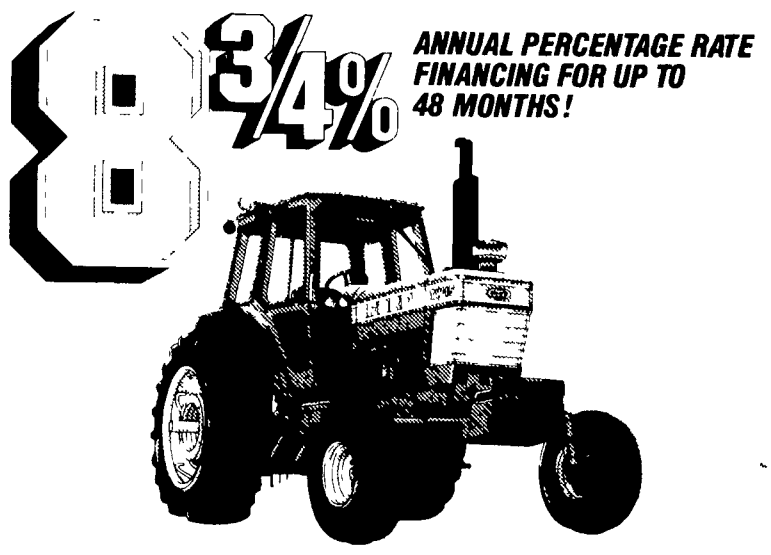

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Snow Leopard

(Continued from Page B10)

snow leopard's activities and needs in the wild, he will encourage necessary conservation measures. He envisions national parks or preserves in key areas of Central Asia. A park is already planned in Nepal.

Working from base camps perched at altitudes of 10,000 feet or more, Jackson and his field party so far have succeeded in capturing two female leopards and one male.

The animals are fitted with collars containing a small radio transmitter, then released. A portable receiver with a directional antenna allows the biologist to monitor their location and the level of their activity.

Tracking the animal is a challenge. A three-foot-long tail, almost as long as its body and used for balance, and large forepaws make the snow leopard an artful climber that can bound from boulder to boulder with ease.

Climbs Bring Shakes

Trying to trail the sure-footed snow leopard has gotten the biologist into trouble on a number of occasions. "Sometimes I've followed cats up rocky cliffs until I couldn't go any further," Jackson says. "Then I look down and think I'll never make it back. When that happens I just cling for dear life to the nearest rock until my knees stop shaking and I can muster the courage to inch my way down."

Such perseverance has rolled away some of the mystery surrounding the creature whose piercing night cries are often associated with the spirit world by the people living among the peaks.

Once though to be largely nocturnal, the cats are frequently on the move during daylight hours, roaming cliffs, river bluffs, ridges, ravines, and canyons. Ridges and ravines are favorite hunting grounds, because that's where small herds of wild sheep called bharal congregate.

The big cats seem to eat and hunt alone. "Zoo studies have shown that male and female snow leopards can develop long-term pair bonds, but in the wild both sexes seem very solitary," says Jackson. "I think the only time they seek each other out is to mate."

Snow leopards — even sub-adults — stay in touch by marking their home territories, which range from about 10 to 12 square miles in the study area. "They do this," says Jackson, "by scuffing at the ground with their hind paws to create a small pile of dirt or stones, and on that or nearby they'll spray or leave a dropping. These are basically calling cards alerting other leopards of their presence, sex, reproductive status, and how long ago they were in the area."

More Leopards Waiting

Jackson, who is currently in the United States trying to raise funds for a continuation of the snow leopards project, hopes to return to Nepal next spring to track three or four more animals. He thinks there are at least 11 or 12 of the cats in his 90-square-mile study area.

There's a good chance that all the cats under study will be protected in the future. Aided by Jackson's wildlife studies, the government of Nepal has designated an 850-square-mile area for a national park — the project site included — where all animals would be off limits to hunters.

Give Fushsias Winter Care

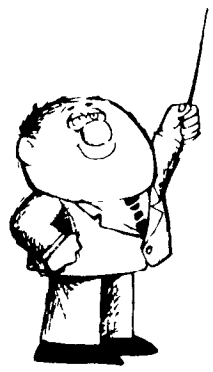
MEDIA — Fushsias are outstanding for their beautiful flowers found in colors of pink, red, violet and white - some blooms even producing tones of contrasting shades and colors. Although these plants do well on a porch or in the yeard during the summer, says C.R. Bryan, Jr. Delaware County Extension agent, they are difficult to grow indoors under normal house condition. If, however, you decide bring them through the winter, you must give them a dormant period at this time of the year.

The plant should be placed in a dimly lit, cool spot at about 50°F in late fall. Prune back about one-third of the growth and water just enough to keep the plant alive. About the middle of January, bring the plant into more light with a temperature no higher than 65°F. Water sparingly and keep in this location until new growth begins. At that time, cut away all dead and weak wood, move to a brightly lit spot (no direct sun) and begin to water, keeping the soil evenly moist - not soggy.

Over watering causes leaf yellowing and drop.

If necessary, repot the plants into pots having adequate drainage holes to allow the excess water to drain easily. Fuchsias are heavy feeders; give a weekly application of a 5-10-5 watersoluble plant food during this growing period. As soon as the weather permits about May 15, move the plants outside to a shady area.

Fuchsias are easily propagated during the summer months. For best results, take cuttings about 4" in length. Choose those with 2-3 sets of leaves. Strip off the bottom set of leaves. Root in a mixture of one-half peat moss and one-half perlite, vermiculite, or sand. Keep media moist but no soggy. Cuttings root in 2-3 weeks.



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24'	10,925	$ 3,872	.35
27'	6,624	$ 2,447	.36
27'	13,948	$ 4,868	.34
30'	10,584	$ 3,329	.31
30'	17,370	$ 5,683	.32
36'	15,658	$ 4,619	.29
36'	25,429	$ 7,613	.29
42'	21,884	$ 5,591	.25
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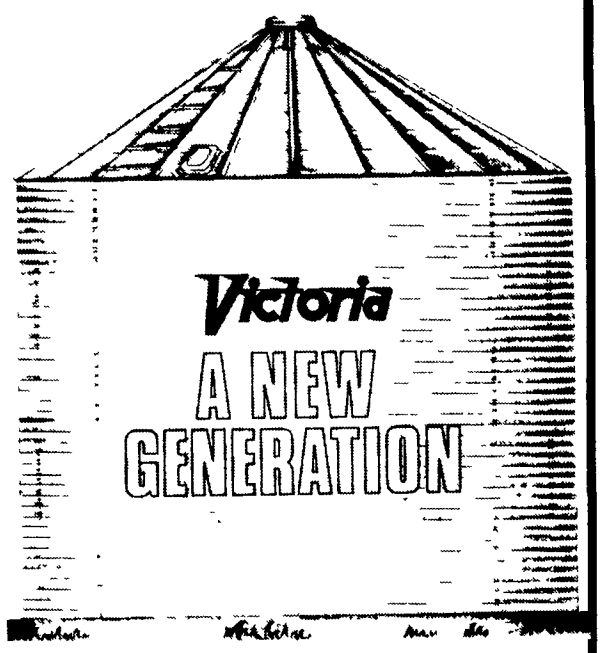

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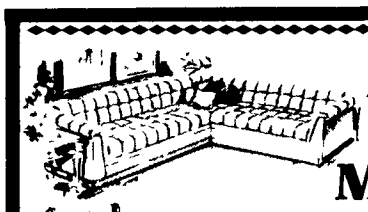

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On being a farm wife -And other hazards

Joyce Bupp

Psssst. Heh. You tall, big, person up there.

So you're here visiting this Farm Show are you? Came to see what's new in farming, huh?

Just for a minute, think about me, would you?

I'm the little kid. Down here at your knee. The one in the baby stroller.

What do you think I see at this Farm Show?

Knees. And legs. That's what I see.

Forests of legs. Fat ones. Skinny ones. Legs in jeans. Legs in boots. Clean legs. Dirty legs.

Speaking of dirty, think of me when you pass through these animal buildings.

I heard Dad say we were going to see the moo-cows. That's what he said anyway. What I saw were hairy, bony legs with two, big, pointy-looking things at the end of 'em. Black and white. Brown and white. Plain black, and white, and brown. Speckled, hairy, bony, legs.

And tails. Lots of tails. All colors. One big fluffy, dark one just swished past my nose as four bony legs came this close to my elbow. Tickled. Made me feel like I was gonna' sneeze.

Then the tail started to disappear into the air and Mom jerked my stroller back. Scared me so bad I forgot to sneeze. Mom pushed me off to see the pipes under the washbowls in a bathroom somewhere while she cleaned some stuff off my stroller and my snowsuit.

Afterwhile they pushed me into some chilly kind of building so we could see more feet. Gigantic feet. Great big round ones that kind of clopped when they moved and had long white fluffy hairs hanging all around them.

Boy, I sure hoped none of those feet got too close to me.

And wheels. I saw lots and lots of wheels at this Farm Show. Some had these great big fat bumpy rubber all over them, but others were kind of little and smooth with lines around the outside.

Up on top of the wheels were stuck tall shiny contraptions. At least I think so. The forest of legs was pretty thick. Some voice from way up said they were tractors. Beats me. All I saw were wheels.

Mom told Dad that she wanted to go look at the pumpkins. My stroller bumped against a couple of table legs and I tried to yank at some curtains around the tables to see the pumpkins. Maybe there weren't any there.

Whew. All those legs. All those wheels.

I was tired. I tried to close my eyes to take a nap. A big pocketbook hit me in the ear and woke me, just as I started to snooze. When I wouldn't stop crying Mom and Dad decided to go home.

Maybe they forget that it's a different show down here.

I hope I can come back to see the Farm Show when I grow up.

Farm Women Societies

Berks Society 1

Stahl's Steak and Seafood Restaurant was the meeting place for Berks Society 1 when they held their Christmas party.

Ray Brodan, a magician, provided the entertainment and a family style ham and turkey dinner was enjoyed by all.

The next meeting will be at the home of Mrs. Donna Hetrick, Oley, on Jan. 11. The program will be a guest speaker.

Berks Society 7

Berks Society 7 held their Christmas party in the Robesonia Borough Hall. Gifts and cookies were exchanged and secret pals were revealed.

Connie Ohlinger, Berks County Dairy Princess, will be at the next meeting at the home of Grace M. Bare, Sinking Springs R5 on Jan. 25 at 7:30 p.m.

Lancaster Society 26

Lancaster Society 26 met in the home of Eileen Stouch for their December meeting. Roll call was answered by a special Christmas wish.

Barbara Frey was installed as a new member. There was a gift exchange and packaged items were collected for a chosen charity.

The January meeting will be at the home of Judy Musser.

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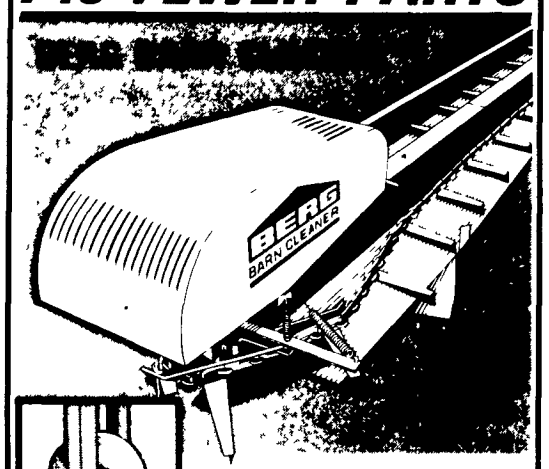

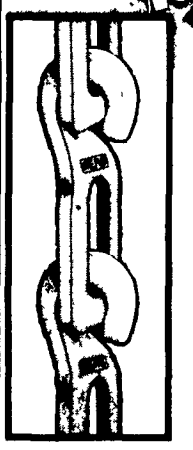

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Brothers Make a Winning Team

The Engle family believes that 4-H is a family affair. Pictured above with Curt, left, and Tim are their parents, Sharon and Jerry.

BY KIMBERLY HERR

ELIZABETHTOWN — When Tim and Curt Engle, two brothers from Elizabethtown, step into the show ring, they usually walk out with ribbons.

Although they have only been raising and showing sheep for a few years, they will be making their second annual trip to the Farm Show this week.

Tim, age 14, will be showing a ram lamb, named Chester, a market lamb, weighing 125 pounds and a ewe lamb. Curt, age 11, will be showing one breeder sheep. The boys, sons of Sharon and Jerry Engle, have approximately 11 sheep at their home, Engle Acres. Both boys are members of the Lancaster County 4-H Woolies Club.

"He (Tim) started and then I got it off of him," Curt said, explaining how the brothers got started raising sheep.

"We lived in town, and we always wanted sheep," Tim added. "It was one of the reasons we moved to the country."

The Engles moved out of the town and into the country about five years ago, according to Mrs. Engle, who explained that raising sheep was "a lifelong dream of my husband's."

That dream has turned into reality of Tim and Curt. At last year's Farm Show, Tim placed eighth with his breeder sheep in the junior class, and Curt placed seventh with his market lamb.

This year, the brothers combined have won champion market lamb at the Lancaster County round-up, first place in showmanship at three local fairs, champion ram at the West Lampeter Fair, champion Suffolk at the Manheim Fair and champion of the breeding stock at the county round-up, just to name a few. They also had champion and reserve champion at the Elizabethtown fair. This honor was a special one as both of these sheep were born and raised on Engle Acres.

To what do they attribute their success?

"We walk them to get their muscles built up," Curt said.

And Tim explained how the feeder they have makes the sheep jump up on the hind legs in order to get the food. "This stretches their legs and builds up good leg muscles," Tim said.

The Engles' sheep are also on a "fitting ration," according to the boys, that contains oats, corn and molasses. About a week before shows the market lambs go on a diet.

"We just don't give them as much of anything," Tim said. The breeding sheep do not have to worry about being placed on a diet. "The breeders get all the fattening stuff," Tim laughed.

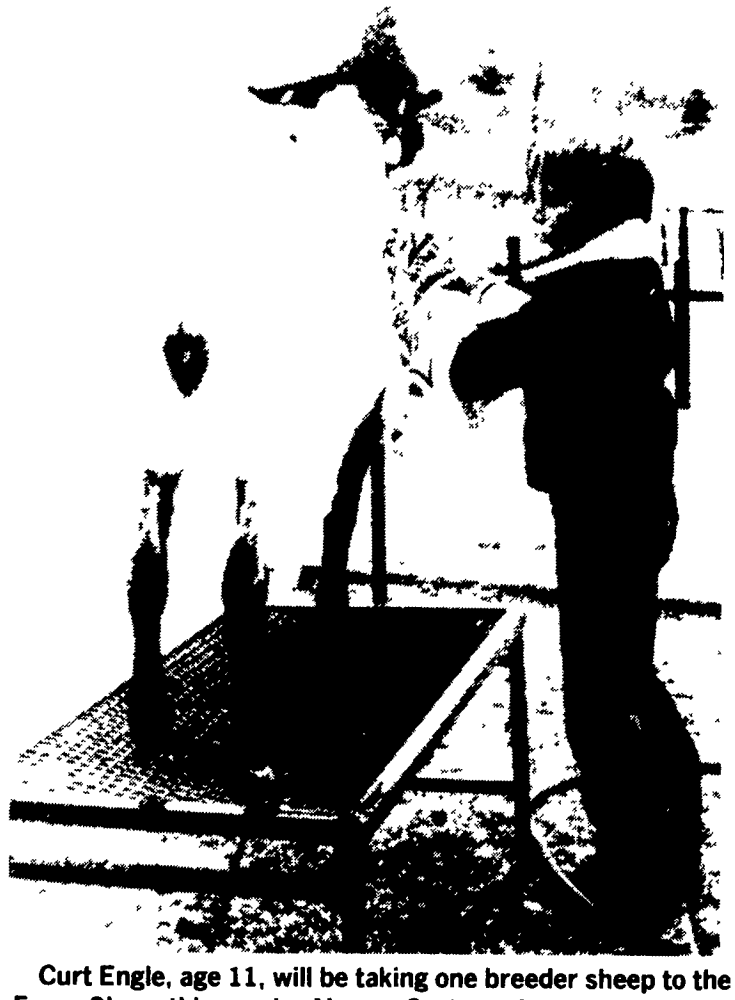
And in addition to the above, there is also the time factor involved. The week before the Farm Show, the Engles were busy washing their sheep on a chilly day that made the water freeze as it ran into the yard.

"Because of the weather we haven't been putting in as much time as we normally would," Tim said.

Although their sheep require much of their time, both of the brothers are active in school and church. Tim plays basketball for the junior high team at Elizabethtown Middle School and is on the Lancaster County judging team. He is also a member of a quiz team at the Elizabethtown Brethren in Christ Church. This year, Tim helped out with the Lady Lead Line competition at KILE.

Curt is also busy playing basketball at the Fairview Elementary School and is active in boys club at church.

But with all these other activities Curt and Tim still find time to care for their sheep and practice their showmanship abilities.



Curt Engle, age 11, will be taking one breeder sheep to the Farm Show this week. Above, Curt washes the sheep in preparation for its trip to Harrisburg.

"One wrong move and you sort of blew your chance," Tim said, explaining why it is important to practice being a good showman.

Curt explained that when they walk their sheep, they will often stop halfway through the walk and set the sheep up as they would in the ring. This, according to him, is good practice.

Do the boys still get nervous?

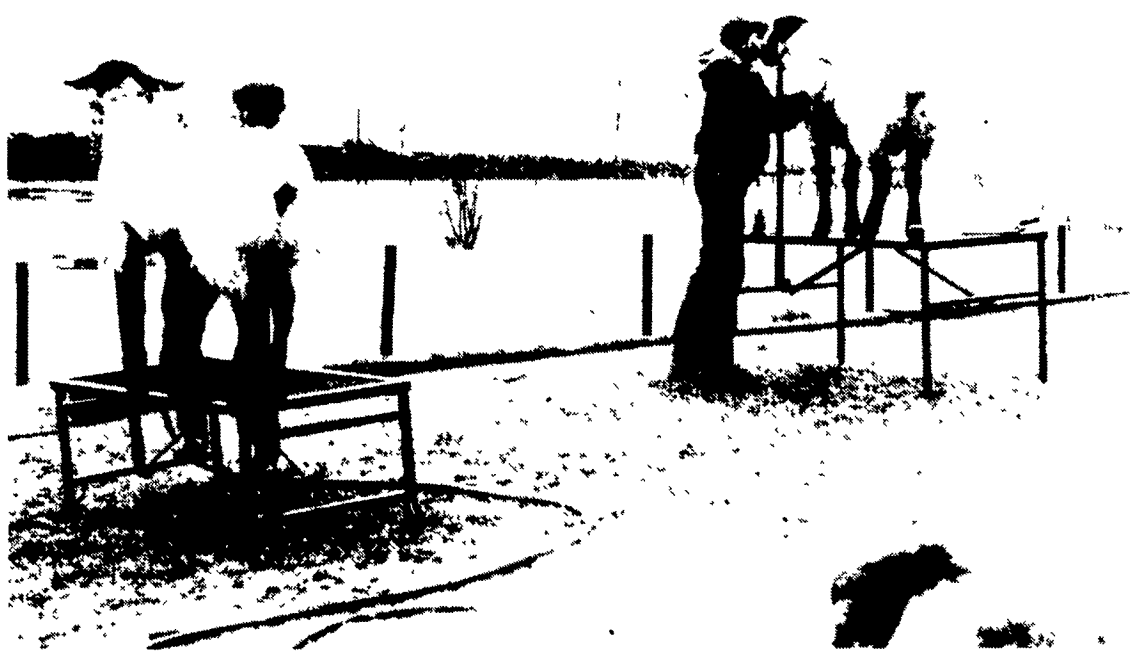
"For about five seconds you are nervous, then it's all over," Curt said.

This year at the Farm Show, Tim will have some extra strain on his nerves as he is the only 4-H'er from Lancaster County participating in the block and fitting contest.

"They give you an hour to do the best you can," Tim said, explaining that he will have to groom a sheep that is right out of the field.

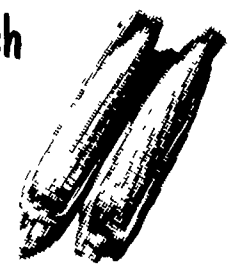
Claiming that experience is the best way to learn anything new, Tim said, "You just have to do it, then you see what you did wrong."

Tim Engle, age 14, washes one of the lambs he will be taking to the Farm Show. Pictured above is a ram lamb, named Chester.



Cold weather or not, sheep going to the Farm Show have to be washed, and above Tim and Curt Engle are engrossed in the job.

Seeding, Weeding and mulch more



For the avid gardener

Icy walkways, steps, and sidewalks are dangerous. Snow on sidewalks can also be slippery and makes difficult walking for both you and your neighbors. However, getting rid of snow and ice can be a problem to plants.

Even if it's deep, says Paul N. Reber, Montgomery, County agent, snow is not usually a problem for your lawn and landscape plants. However, as you shovel or blow snow from walks and drive, watch where you throw it. Snow is heavy and too much piled over shrubs may cause injury.

The major concern this time of year is the type of melting materials some people use to remove ice and snow — used incorrectly, these materials can injure lawns, shrubs and ground covers along walks and drive.

The most common melting salt is probably sodium chloride, sold as table salt, rock salt, ice cream salt, or water softener salt. Calcium chloride, the salt generally used by the highway department, is also available commercially in some places. Applied at excessive rates, both of these melting materials can injure plants. The sodium in sodium chloride will also damage soil structure.

The U.S. Department of Interior, Park Maintenance Division, recommends one-half pound of salt per square yard as a safe rate for plants. Interpret this as total application per season. If most of the salty water runs off your property onto the street, you might be able to go with slightly higher applications — it's the salt that enters the soil that does the damage.

A safer alternative for melting ice might be to use garden fertilizer. Run-off water mixed with fertilizer will help plants and lawn as long as you don't use too much. Excessive levels will harm plants and lawn as long as you don't use too much. Excessive levels will harm plants in the growing season. When you use a fertilizer like 5-10-10, the muriate of potash or KCl does most of the melting. Any super-phosphate in the fertilizer probably adds traction and skid resistance rather than increases melting.

Nitrogen fertilizer urea is a good melter at temperatures down to 11 F, and is best applied at temperatures between 25 F and 30 F. Urea can be used at rates of 10 pounds per 100 square feet. If you make a mixture of urea and sand — 2½ to 3 pounds of urea per 100 pounds of sand — you can melt ice and increase surface traction in the same process.

For a longer lasting control of ice on sidewalks, mix sawdust and calcium chloride. The sawdust absorbs some of the melter and slows its run-off rate. Mix at a rate of one part calcium chloride to three parts sawdust. If you are using this mixture or garden fertilizer to control ice, have a sturdy mat at the door, both materials stick to shoes and boots, and you may track them into your house.

Demonstrate Your Know-How

LANCASTER — Demonstrations are a way for 4-H'ers to teach others what they're learned for themselves.

Before a demonstration can be prepared, a 4-H'er must first research a specialized subject. Being an expert in any given field builds assurance and, when the 4-H'er knows enough about a topic, public speaking becomes more relaxed and confident.

Once the background work is done, development of a demonstration begins. Creativity abounds as the 4-H'er draws posters, builds models or obtains apparatus. With visual aids as support, most participants find it easier to show and tell.

Public speaking is a matter of practice as well as research, and demonstrations are often rehearsed many times before the debut. But when the 4-H'er is ready, a willing audience awaits. Since public speaking requires both a speaker and a forum, other demonstrators and their parents make up a critical, but supportive group.

The 4-H'er is the star of the show. But, like all other 4-H projects, the goal of demonstrations is learning.

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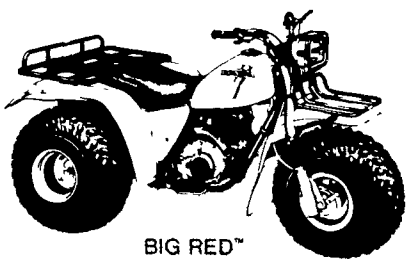

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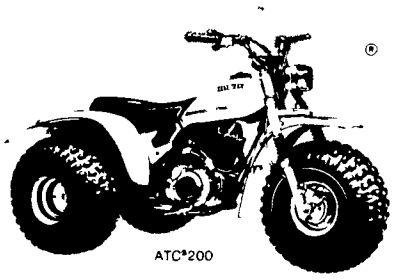

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Pumpkin Winners Named

ELVERSON — Recently the Twin Valley FFA chapter held their annual pumpkin judging contest for the elementary schools in the district. The pumpkins were judged in two areas, heaviest and best decorated.

In the best decorated at Robeson school, placing in the first grade was Timmy Hart, 1st; Jennifery Kennedy, 2nd. In second grade, Denise Maetin placed 1st, and Shannon Ellwanger was 2nd. In third grade, Lori Reed was 1st. Placing in 4th grade was Kelly Kennedy, 1st, with Brian Adire placing 2nd and Chris Zollers placing 1st in the fifth grade.

In sixth grade, 1st place went to Darrel Amey, Lcristen Kiem placed 2nd, and Julie Martin placed 3rd with her pumpkin. In the heaviest category Sherry Reed placed 1st with a pumpkin weighing in at 95 lb.

At T.V.E.C. placing in the heaviest area was 1st place Brent King, 2nd place Mike Klopp, 3rd place Julie Fox. In fifth grade, Dean Coulson placed 1st and Danaan Baolini placed 2nd. Placing in sixth grade was 1st Ryan Rittenhous, with Chuck Stoltzfus coming in second. In the best decorated category placing in 4th grade was Sam Ostan, 1st; Michelle Rice, 2nd; and Greg Daily was 3rd. In fifth grade, Kendra Stoltzfus placed 1st, John Layton was 2nd, and Cheryl Trate was 3rd. And in 6th grade, Maureen Hogan placed 1st, with Keith Rice placiong 2nd.

At the Honey Brook Elementary school in the best decorated area in 6th grade was Steve Griffin, 1st; Kendra Fiorention 2nd. In fifth grade, Paula Rogivich placed 1st and in fourth grade Kevin Malone placed 1st.

The two trophy winners for this year were Kendra Stoltzfus for best decorated and Sherry Reed for the heaviest pumpkin. The students will receive their trophies at the Twin Valley FFA banquet sometime in March.

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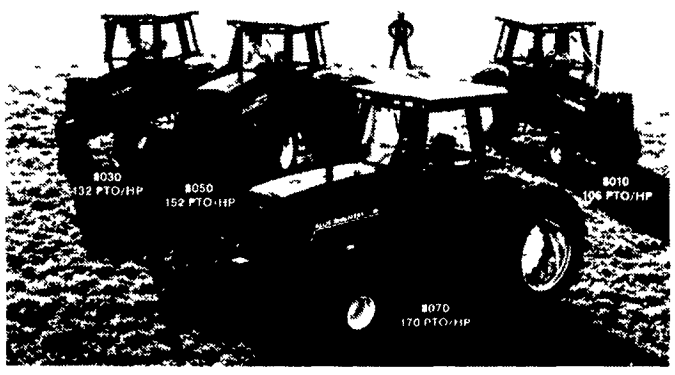

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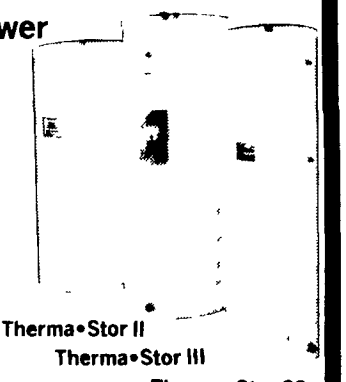

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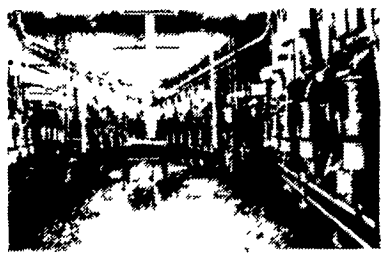

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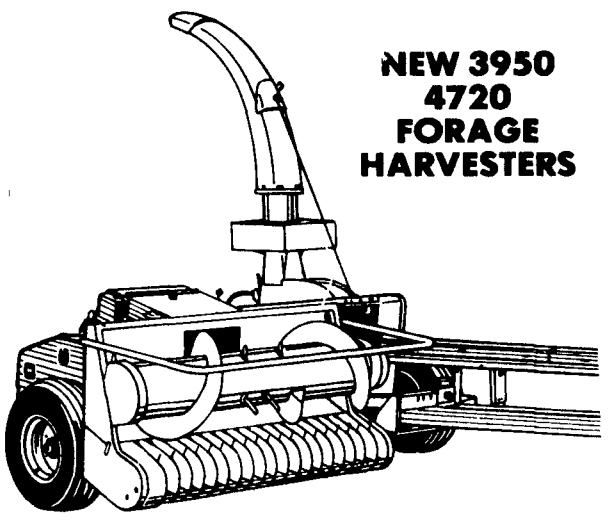

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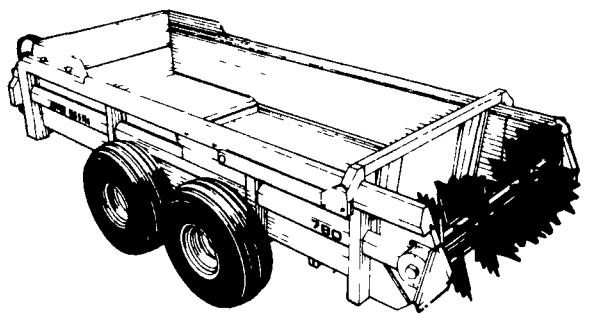

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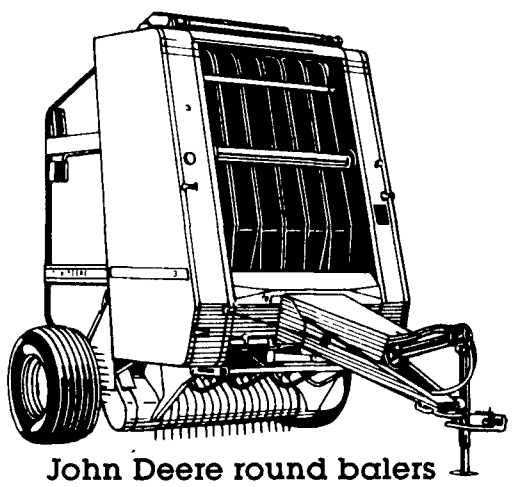

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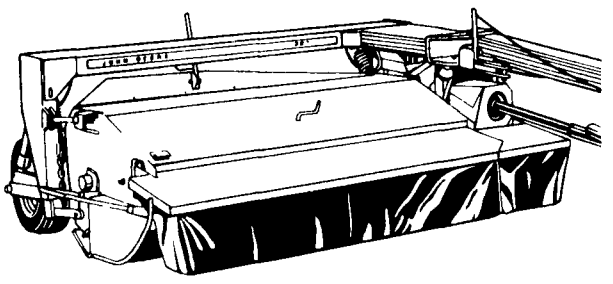

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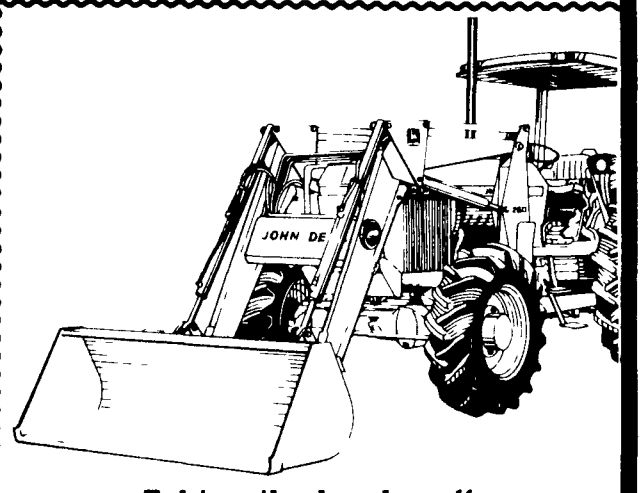

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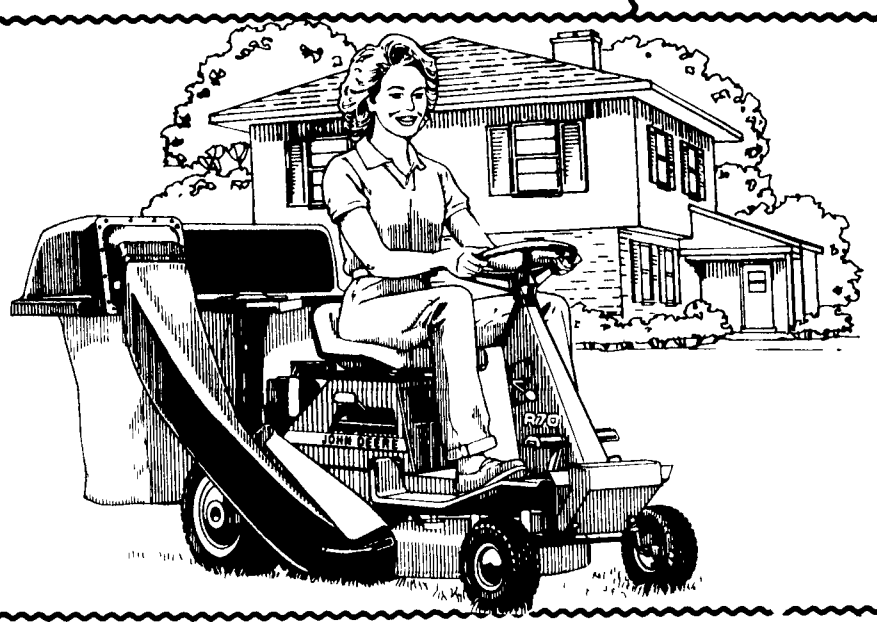

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Will 'Champ' be a Champ?

BY KIMBERLY HERR

MANHEIM — His name is Champ and Jan Waltz is hoping that's an omen.

Champ is a 1280-pound Angus-Chianina-Charolais-Hereford cross and is one of the four animals Jan will be showing at the Farm Show next week. He will also be showing an Angus heifer named Freida and two Charolais heifers, S.M.R. Donna and S.M.R. Odell.

Jan, age 17, son of Ardith and Nancy Waltz, is no stranger to the Farm Show rings. This will be his fourth year in attendance, and last year he showed the reserve champion Charolais heifer.

This is also his fourth year as a member of the Red Rose 4-H Beef Club, of which he has recently become president.

"I just talked to some other 4-H Beef Club members and thought it (the club) was something I would like to try," Jan explained. That decision made, he bought his first steer.

And from steers, he moved on to raising heifers. Jan explained that he helped out at the Keystone Cattle Service, in Colebrook, and this is when he decided to "branch out" and start raising heifers.

"It was something I would like to try for a living," Jan said.

Jan is well on his way to being a success as this year he won the calf, donated by the Intelligencer Journal, for his showmanship abilities at the Lancaster County 4-H Round-Up. He also had the champion steer. He showed the champion Charolais, which belonged to Spring Meadows Ranch, Manheim, at the Keystone International Livestock Exposition this fall. He won his class at the Chianina Field Day and won numerous other awards throughout the year.

Jan Waltz will be traveling to the Farm Show with three heifers and a steer. Above, Jan shows one of his Charolais heifers, while his mother shows Champ, the steer Jan would like to see walk off with a grand champion ribbon.

"This has been the best year that I've had so far," Jan said. "The only way you can really win is to put a lot of time in it."

Jan estimated that he puts in about two to three hours every day with his cattle. When not actually working with the animals Jan puts a lot of time in attending other shows to get pointers and looking through breed journals, catching up on the latest grooming techniques. "They (the grooming techniques) are constantly changing," Jan said.

Having the right feed ration is also important, according to Jan. He feeds his cattle a 38 percent all natural implement.

And another necessity, according to Jan, is supportive parents.

"My parents help me a lot," he said.

Jan lives with his parents on their 87-acre Indian Creek Farm, where they grow tobacco and small grains and until this year raised about 48 head of feeder steers.

"We are just really overwhelmed with his interest in cattle and his attitude," Jan's mother, Nancy, said. "We are just so proud and thankful that he has the interest he does in cattle."

Both of Jan's parents were raised on farms and this time of year all of their years of experience combine with Jan's to get his cattle ready for the farm show.

"I plan to clip each one (of the cattle) before I go to the Farm Show so I don't have to do that up there," Jan said. "Then I can just do last minute stuff up there."

After four years, does he still get nervous when he walks into the ring?

"I'm over that," Jan said with a chuckle. "If you are nervous, the cattle can tell and that makes them nervous too."

And how does he feel when the show is over and it is time to see one of his animals sold?

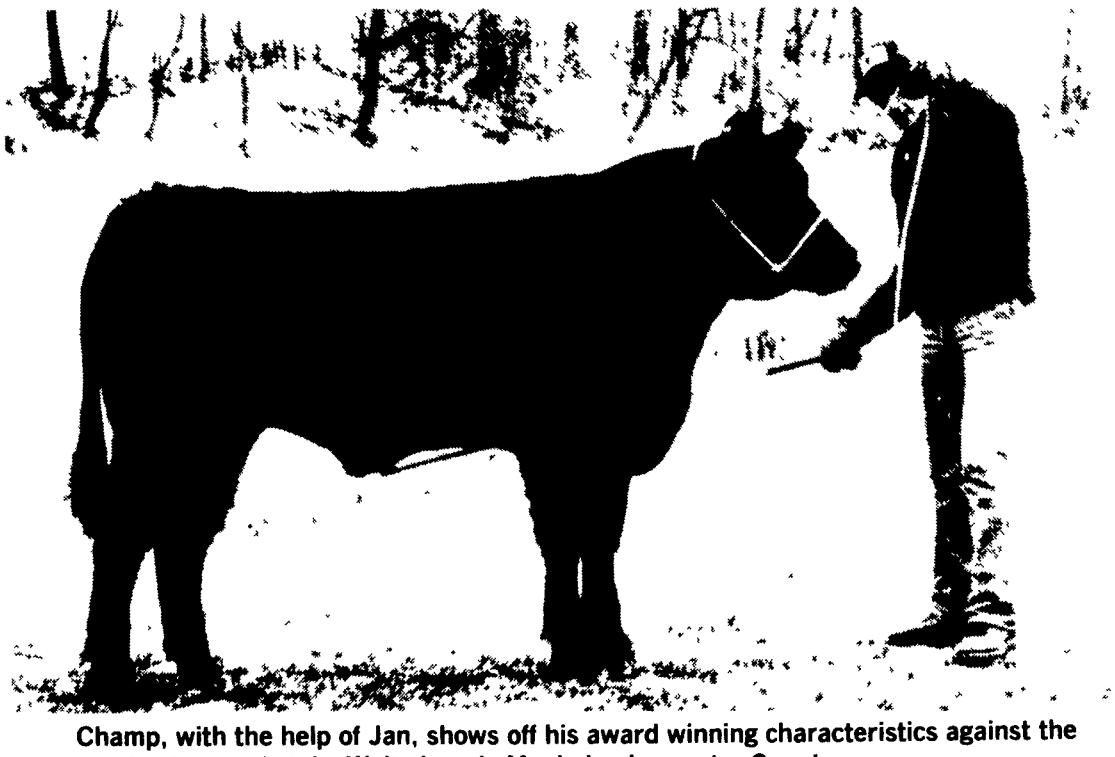
"I don't cry over it, but you kind of hate to see them go if they are tame," Jan explained, adding that the steer he will be showing and selling this year is one of the tamest animals he has ever raised. "You kind of miss them, but when you have others to work with it is not so bad."

Although Jan will only be taking his steer and heifers to the Farm Show, they are not the only animals he owns. He also raises hogs and captured the reserve champion county hog honors at the county FFA show.

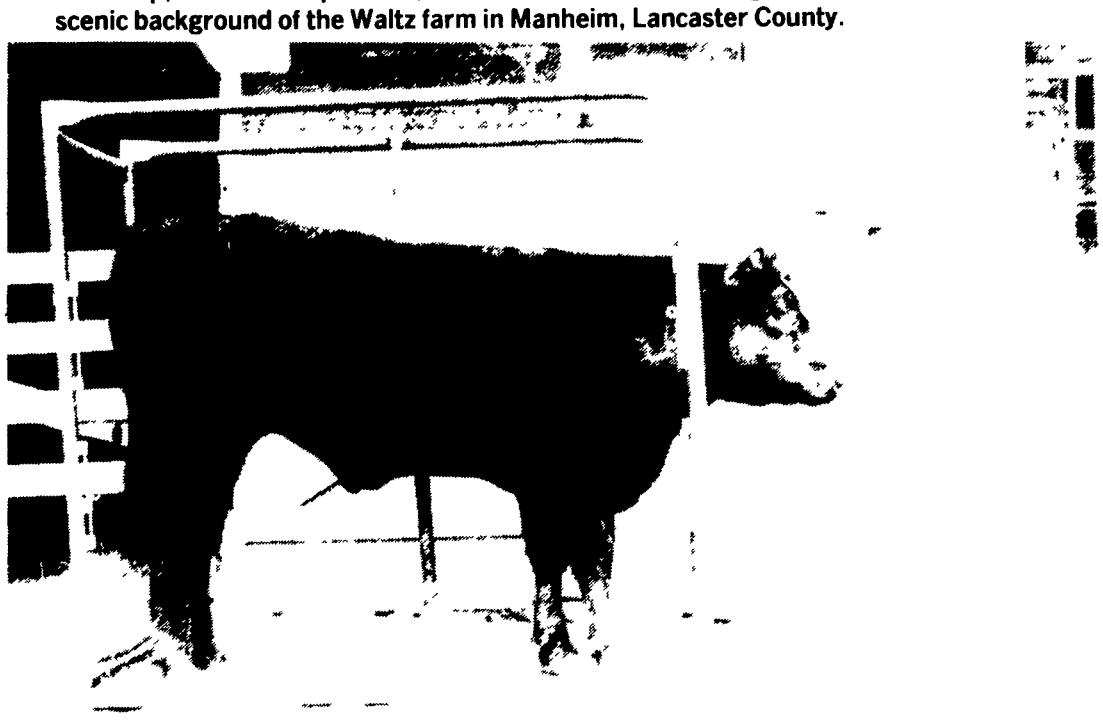
"I just show the hogs as an FFA project," Jan said, explaining that he has a preference for his cattle. "You can't have both (cattle and hogs) up there (at the Farm Show) because it is too much to run between the two."

This year Jan is aiming for the top at the Farm Show.

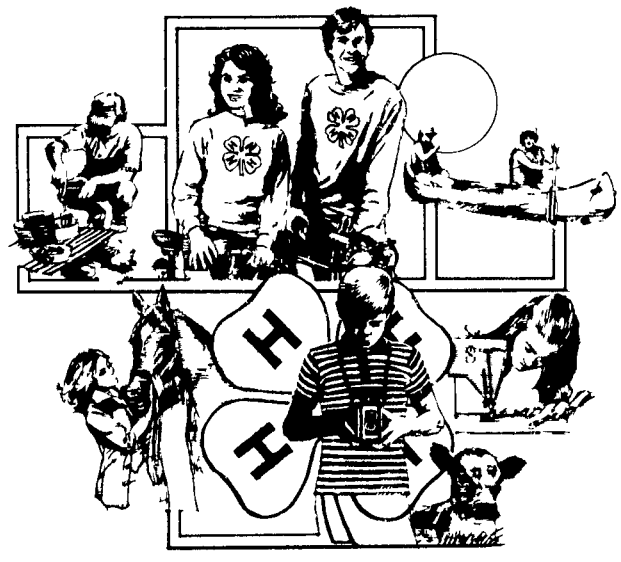
"I'm shooting for the champion steer, but that's the judge's decision," Jan said.



Champ, with the help of Jan, shows off his award winning characteristics against the scenic background of the Waltz farm in Manheim, Lancaster County.



Champ, the steer Jan Waltz will be showing at the Farm Show this week, waits patiently to be groomed.



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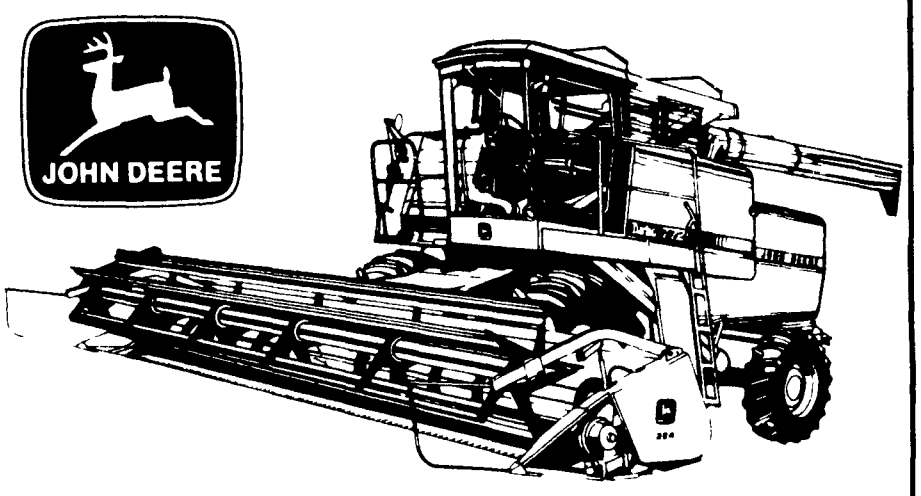

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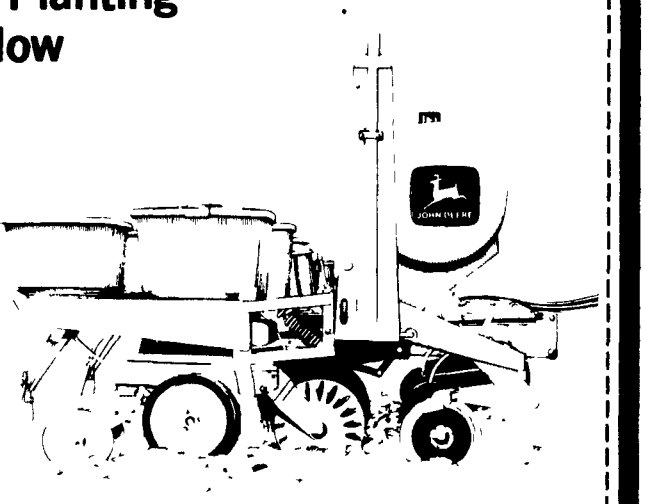

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CRAFT CORNER

Cable-knit vest

Cables are among the most popular knitting techniques, and it is no wonder. A single cable, cable panel, or all-over pattern, gives a sweater a rich, sculptural surface.

The contemporary vest, illustrated above, is an example of a sweater with a limited, yet striking, cable pattern. While cables may be difficult for beginners, a knitter with some experience should find this vest a good way to try cable knitting.

With shawl collar, cable, and button front, the vest is ideal for today's fashions Knit of Bernat "Blarneyspun" 100 percent wool Irish import or "Berella 4" acrylic yarn, the complete kit, including yarns, buttons and instructions, is available by writing to the address that follows this column

Cable knitting is done with the help of a short, double-pointed cable needle The cable needle helps you transfer stitches from one position in the row to another position, eventually forming the twists that are characteristic of cable designs

Basically, to knit a cable pattern, you slip a group of stitches onto the cable needle, knit the next few stitches as usual, and then knit the stitches from the cable needle back into the row.

For best results, a cable needle should be the same size or thinner than your knitting needles If your cable needle is too large, you run the risk of stretching or distorting your stitches.

If you're knitting your first cabled sweater, you'd be wise to choose a sweater with a cabled panel rather than an all-over design An entirely cabled sweater is far more complicated to knit

To test a cable pattern now, take a look at the pattern below It's taken from the vest shown As always "p" stands for purl," and k stands for knit Other symbols in the pattern are worked as follows

CF 6 Slip the next 3 stitches onto the cable needle and hold in FRONT of work Knit the next 3 stitches as usual, and then knit the 3 stitches from cable needle.

CB 6 Slip next 3 stitches onto cable needle and hold in BACK of work Knit the next 3 stitches as usual, and then knit the 3 stitches from the cable needle

TL 4 Slip next 3 stitches onto cable needle and hold in FRONT of work Purl the next stitch. Then knit the 3 stitches from the cable needle

TR 4 Slip next stitch onto cable needle and hold in BACK of work. Knit the next 3 stitches as usual, and then purl the stitch from cable needle

When you first try cable stitches, the first few rows may look peculiar If you follow the pattern, however, you'll soon see those peculiar looking rows develop into a beautiful cabled design.

Here are directions for the vest's cable-stitch pattern

MATERIALS: Use no. 9 needles to test pattern with "Blarneyspun," no 10 needles for Berella 4," or any size needles and yarn that will give seven pattern stitches to the inch.

VEST CABLE-PATTERN STITCH: Cast on twenty stitches.

ROW 1. p2, CF6, p4, CB6, p2.

ROW 2· k2, p6, k4, p6, k2.

ROW 3. p2, k3, TL4, p2, TR4, k3, p2.

ROW 4 (k2, p3, k1, p3) twice, k2

ROW 5 p2, k3, p1, TL4, TR4, p1, k3, p2.

ROW 6 and 8 k2, p3, k2, p6, k2, p3, k2.

ROW 7 p2, k3, p2, CF6, p2, k3, p2

ROW 9 p2, k3, p1, TR4, TL4, p1, k3, p2

ROW 10 Repeat row 4.

ROW 11 p2, k3, TR4, p2, TL4, k3, p2

ROW 12 Repeat row 2

REPEAT these rows for the cable-pattern stitch

THE "BERELLA" VEST KIT, complete with Berella 4" 4-ply acrylic yarn, buttons and instructions is available in natural (off-white), claret heather (red wine), oxford gray heather, chestnut brown heather, moss green, denim blue heather, flax (tan/white mixture), sandstone heather (tan), or navy.

Note: Berella is 4-ply knitting worsted weight yarn, of machine washable and dryable acrylic, blended to look like wool

Kit A-1054-514 Small (8-10) $10 or Medium (12-14) $10 or Large (16-18) $12.50. For all sizes, add $2 postage and handling.

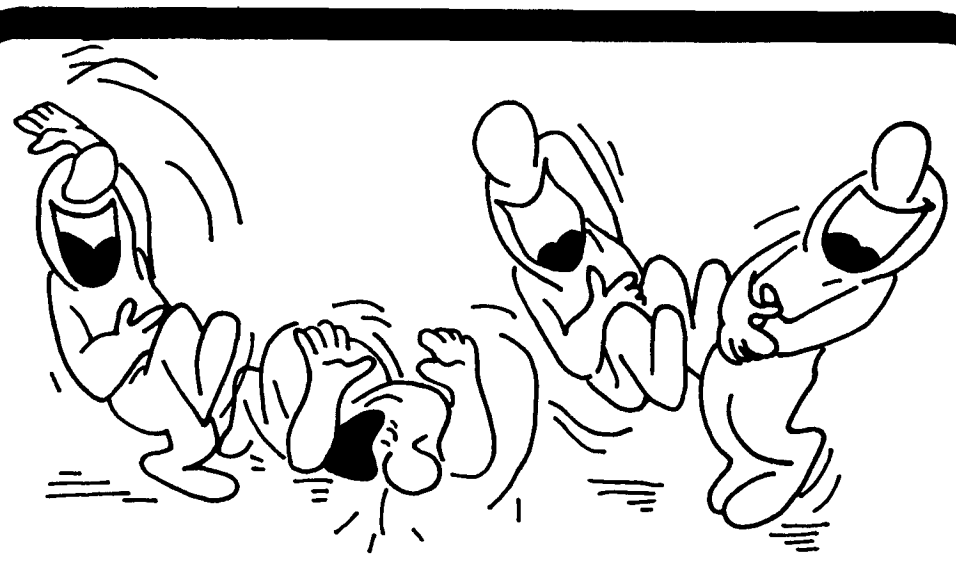
THE IRISH WOOL VEST KIT, complete with instructions, buttons and "Blarneyspun" rugged textured, 100 percent imported Irish wool, is available in natural (off-white), claret heather (red wine), gray flannel chestnut brown heather, loden green heather, denim blue mist, or barley (tan/white mixture)

Note Blarneyspun is 3-ply yarn spun to a knitting worsted gauge. It is composed of water-repellent, permanently mothproofed, unscoured wool traditionally used in Irish fisherman's knits, and may be hand-washed or dry cleaned.

Kit W-0154-514 Small (8-10) $27.50, Medium (12-14) $31 50; or Large (16-18) $35. For all sizes, add $2 postage and handling

TO ORDER, send kit price (California residents, please add 6 ½ percent sales tax) plus postage and handling to Ellen Appel, your newspaper's name, Box 1144, Languna Beach, CA 92652

Specify kit number, size, color, and natural wool or matching buttons Add $1, if desired, for cable needles



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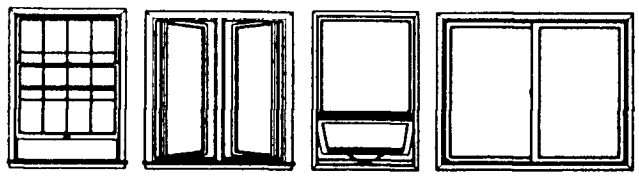

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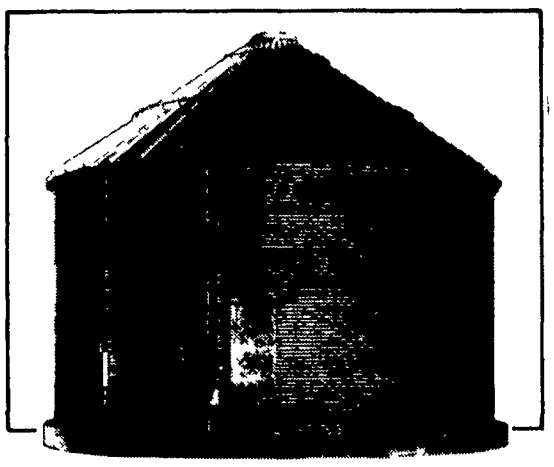

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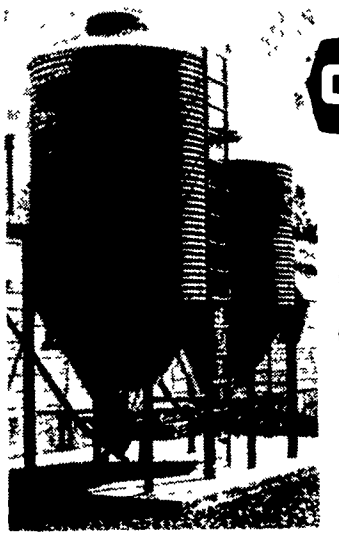

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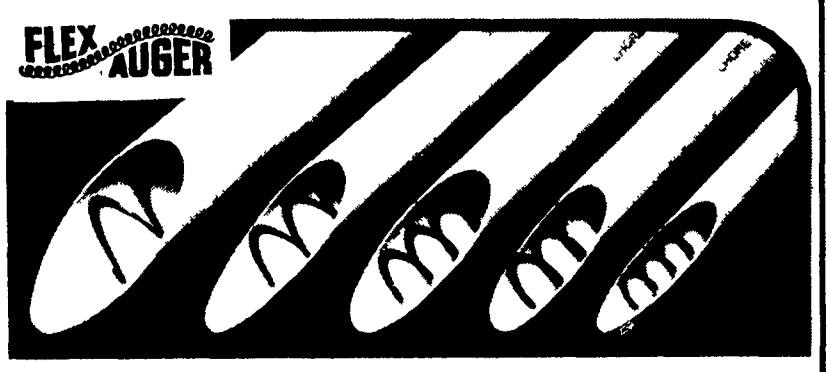

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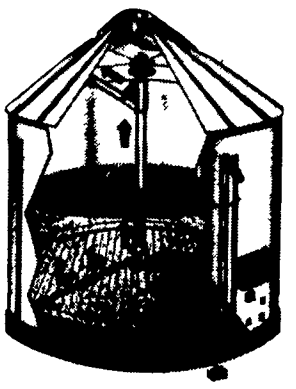

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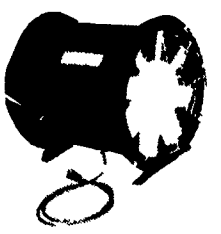

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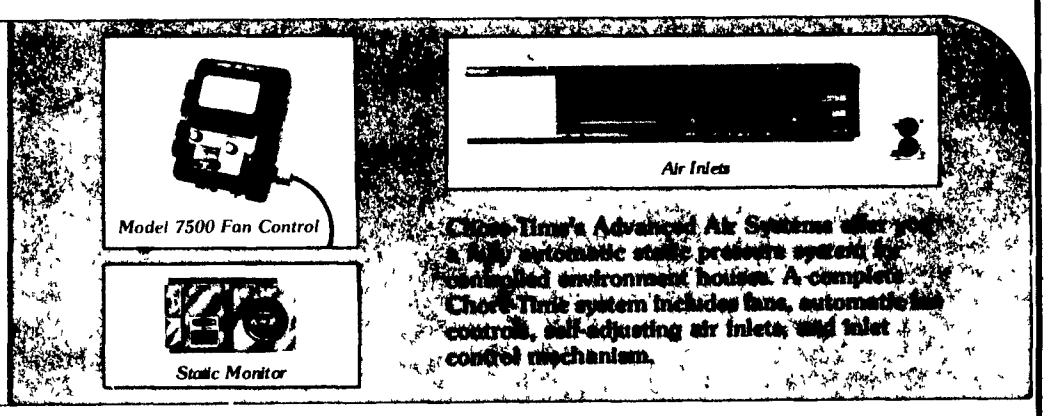

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Quilter Completes Project for Society 22

BY KIMBERLY HERR

STRASBURG — It began as a fun project. When completed, it was a work of art, one that will be on display at the State Farm Women Convention in Harrisburg this week.

"It was just one of those fun things," Margaret Lefever said of the candlewick quilt she completed for Lancaster County Farm Women Society 22.

The story began when members of Society 22 got together for a craft day. The craft was candlewicking.

"Someone said, 'This is fun let's all get together and make a quilt,'" Margaret explained. Group members liked the suggestion and the project was underway.

Margaret, an avid quilter and member of the Society, found a McCall's pattern that the women decided to use for the candlewick squares. But there were 28 members and only two patterns. So, Margaret came to the rescue by tracing additional patterns.

During the May meeting the blocks of material were handed out and each member was asked to candlewick the pattern. Margaret told the women that in order for her to have the quilt done in time for the Lancaster County Farm Women's Convention in November, all the women had to have their squares done by July.

Margaret explained that some of the women liked to do one of the steps in getting the squares done, while others preferred another task. So, friends in the Society got together and helped each other out with the tasks they did not like to do.

When the squares were returned to Margaret, they all had to be blocked and stretched. And from there Margaret, with the help of her mother, Leah Probst, began to mark the quilt. After it was marked and she and her mother began quilting the material, Margaret decided she did not like how it was marked.

With the infinite patience necessary for quilters, Margaret and her mother took tweezers and pulled the delicate threads out. From there, Margaret decided to go free-hand. She washed the top of the quilt to remove the markings and then quilted by following the design of the candlewicking.

In addition to quilting each of the blocks, Margaret quilted a border of hearts around the edge.

"It was my decision to put a border around here," Margaret said. "A quilt is not finished until you frame it with a border."

Margaret said the ivory candlewick quilt was in the quilting frame for about two weeks. But she never counts exactly how many hours it takes her to do one quilt.

"I don't want to know how long it took me," Margaret laughed. "I think it would scare me."

Margaret did admit, however, that this quilt took a little more time than the patchwork or embroidered quilts she usually makes.

"It was a little more time consuming than regular quilts," she said, explaining that her quilting thread kept getting caught around the knots in the candlewicking.

"I feel like this quilt is part of me," Margaret laughed.

But the quilt belongs to the entire Society 22, and when it was finished, members wandered what they would do with it after it was displayed at the convention.

Margaret explained that they had some difficulty deciding on a fair way to figure out who should have the quilt. Then, one of the members came up with the suggestion to price the quilt and have members interested in buying it put their names on slips of paper. A name will be drawn from those who entered and that person will buy the quilt.

Although Margaret is pleased with the way the quilt looks, she is accustomed to doing everything on her own when she makes a quilt and prefers the quilts in her house to be done entirely by her.

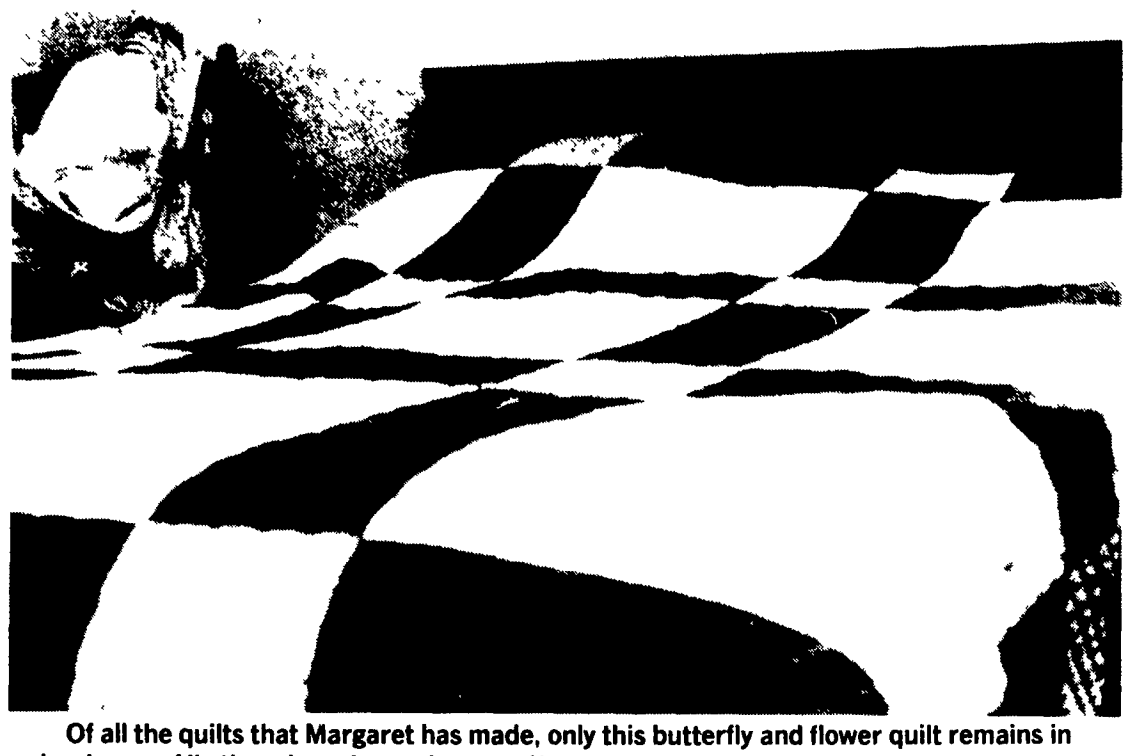
But, although she has been quilting for years, there is only one of her quilts left in her house. All of the others have been made for nieces and nephews when they marry or have babies. And one special two-year-old grandson is the proud owner of six of Margaret's handmade quilts.

"I have books of patterns galore," Maragaret said. "But I like to change mine around. I don't like to copy."

Margaret gets some of her patterns from coloring books. She recently made her grandson a quilt for Christmas that featured Santa Claus, Rudolph and Christmas trees. Those patterns were taken from a coloring book.

"It was just one of those things you did," Margaret said of quilting. "After I quit work, I really got into it (quilting)." She said there are seven soon-to-be quilts in her drawer right now, waiting to be quilted.

Hanging at the bottom of the stairs in Margaret's, Strasburg R2 home is this embroidered saying which was given to her for Christmas: "Blessed are the quilters for they shall be called piecemakers."



Of all the quilts that Margaret has made, only this butterfly and flower quilt remains in her house. All others have been given as gifts.

Margaret Lefever completed a quilt that each member of Farm Women Society 22 contributed to. Above, Margaret is seen with the quilt.

Farm Women Hold State Convention

HARRISBURG — Anthony Campolo, St. Davids, will be the featured speaker at the afternoon session of the 65th annual convention of the Society of Farm Women of Pennsylvania, held in the Forum of the Education Building, Harrisburg, Jan. 9.

Campolo is chairman of the Department of Sociology and Youth Ministries at Eastern College, St. Davids. He has taught at the University of Pennsylvania, at Regent College of the University of British Columbia, and is a Staley Distinquished Scholar.

He is an ordained Baptist minister who is president and founder of the Evangelistic Association for the Promotion of Education. The organization is involved in educational, medical, and economic programs in various Third World countries. He has authored several books including The Success Fantasy, The Power Delusion and A Reasonable Faith.

Preceding Campolo at the convention session beginning at 1 p.m. will be an organ recital on the Forum Pipe Organ by Pat Sherfy, Elizabethtown. The Milton Hershey Glee Club of 30 boys under the direction of Virgil Alexander will present a concert of secular and sacred music. The boys, all students at the Milton Hershey School, range in age from 15 to 18 and are in grades 9 through 12.

The morning session of the 65th annual convention of the Society of Farm Women of Pennsylvania will be called to order by State President, Mrs. D. Merle Baughman at 10 a.m. in the Forum of the Education Building in Harrisburg. The Honorable Penrose Hallowell, secretary of Agriculture, will bring greetings to the farm women representing more than 4000 members of the Society of Farm Women of Pennsylvania. Greene County will present devotions; Mrs. Charles Bupp, vice president, will lead the pledge of allegiance to the Flag of the United States followed by group singing "America the Beautiful."

Anthony Campolo

Also at the morning session, Lebanon County will conduct a memorial service honoring all state Farm Women who were deceased in 1983. Ushers for the convention are provided from Franklin, Fulton, Lancaster, Montgomery and York Counties. Awards will be presented in five categories including the presentation of a piece of Farm women jewelry to all Farm women reaching 90 years during 1983, presented by the State President, Mrs. Baughman.

The annual convention banquet will be held Jan. 9 at 5:30 p.m. in the Grand Ball Room of the Penn Harris Motor Inn.

Mrs. Wilbur Erb, past state president who recently returned from a three year mission assignment in Australia, will be the guest speaker. Her topic will be "Who Am I?" Mrs. Erb, formerly of Harrisburg, now resides at Morgantown, R1.

Kathy Long, Lancaster, will be guest soloist. Mrs. Naomi Bupp, State First Vice President, will be mistress of ceremonies.

The convention business session will be held Jan. 10, in Room E, State Farm Show Building, Harrisburg, with registration at 9 a.m. A state treasurer and two state directors will be elected. The new officers will be installed by Mrs. John N. Hess, Lancaster County, a past state president.

FWS Calendar

Saturday, Jan. 7

Lancaster Society 6 meets for a "Opening Doors" program by Anna Geyer at the home of Mrs. Bernard Thome.

Tuesday, Jan. 10

Lancaster Society 5 meets for an "Auld Lang Syne Party" at Ruth Geesaman's.

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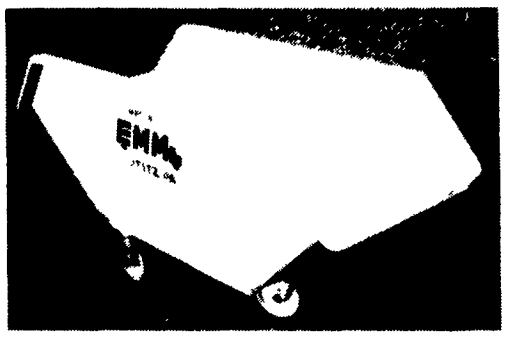

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Hunterdon tax guides being mailed

FLEMINGTON, N.J. — The annual mailing of the "Farmer's Tax Guide" goes out of the Hunterdon County, N.J. Extension Office to over 900 farmers within the next week or so.

It's as big or bigger than ever... and as important to farmers as ever!

This publication, 76 pages in length, is prepared by the Internal Revenue Service, with the help of Cooperative Extension specialists, and distributed by county Extension Service offices. It explains how the federal tax laws apply to farming.

It's useful for part-time, as well as, full-time farmers. If you file a farm tax return, this guide will help.

Changes In Tax Laws

Recent changes to the tax law and other items that affect taxes this year are highlighted. There are changes in investment credit; there are options to deduct up to $5,000 of the cost of certain business assets bought during '83. Described are provisions relating to reporting PIK, also procedures for tax deposits made after 1983. There are new coupons for tax deposits. The old FTD forms are out this year.

It is pointed out that '83 is the third stage of the 3-year tax rate reduction.

A comprehensive summary of the tax law changes affecting 1983 and 1984 is available. It is publication 553, "Highlights of 1983 Tax Changes."

Other Aids

There are many subjects covered in the Farmer's Tax Guide, besides tax law changes. There's the list of important dates for certain actions, payments, & reports. There's an excellent reminder to keep good records.

Rutgers has a very good record book, available at nominal cost in the Extension office. If farmers prepare their own IRS return, it is essential. And, if someone else does, it can be most helpful in recording all expenses and income for use by the accountant.

With tax laws and IRS regulations becoming more and more complicated, we can't stress enough the value of using a tax practitioner. Accountants and tax specialists keep abreast of changes in the tax laws. Not only can they avoid legal problems for you, but can most often save you money by making use of favorable provisions in the laws.

There are many specific tax publications and myriad of forms referred to in the Farmer's Tax Guide. Most of these are free & available from the Forms Distribution Center, P.O. Box 25866, Richmond, Va. 23260.

The Hunterdon County Extension Service is located in the Extension Center, one of three county buildings on Gauntt Place, just off Route 31, about a mile north of Flemington. The new address is 4 Gauntt Place, Flemington, N.J. 08822.

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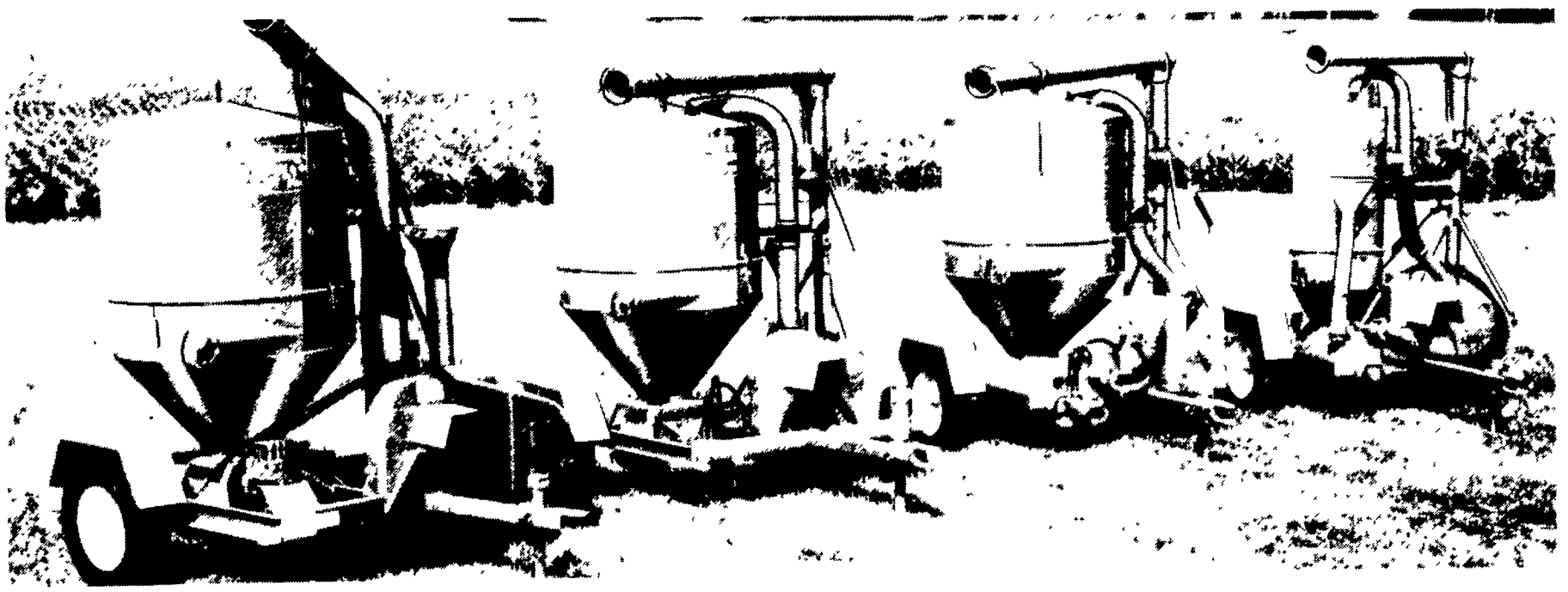

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Milk Promotion Takes Off with a Blast

BY JOYCE BUPP
Staff Correspondent

BALTIMORE — Milk promotion took off with a "blast" last Friday evening as the [illegible] Division of Dairymen, Inc., teamed with Baltimore Blast soccer team to host "milk night" at the Civic Center.

Before a sell-out crowd, Maryland Dai[illegible]ess Re Hill, of Kennedyville, kicked out the first orange and black ball in a match which eventually saw the Blast best the Pittsburgh Spirits in a 5-3 score.

Highlight of the promotion was a half-time milking contest that featured three local sports celebrities and a champion

(Turn to Page B29)

Ronnie Duncan, sportscaster from WJT-TV, pauses for a big smile during the milking competition at milk night.

John Patrick leads his champion Ayrshire into the ring where the milking contestants wait for their turn to compete.

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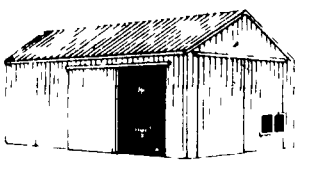

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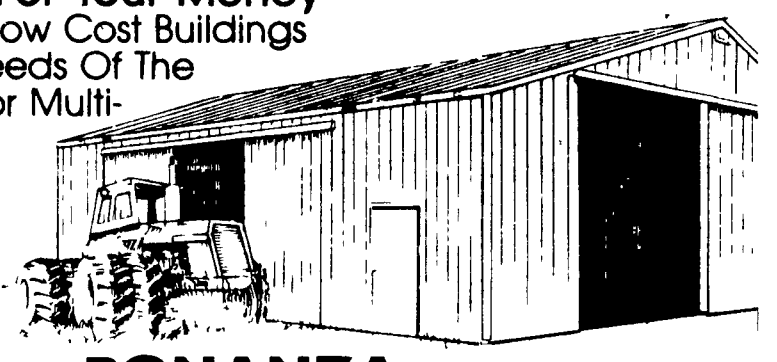

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Milk Promotion

(Continued from Page B28)

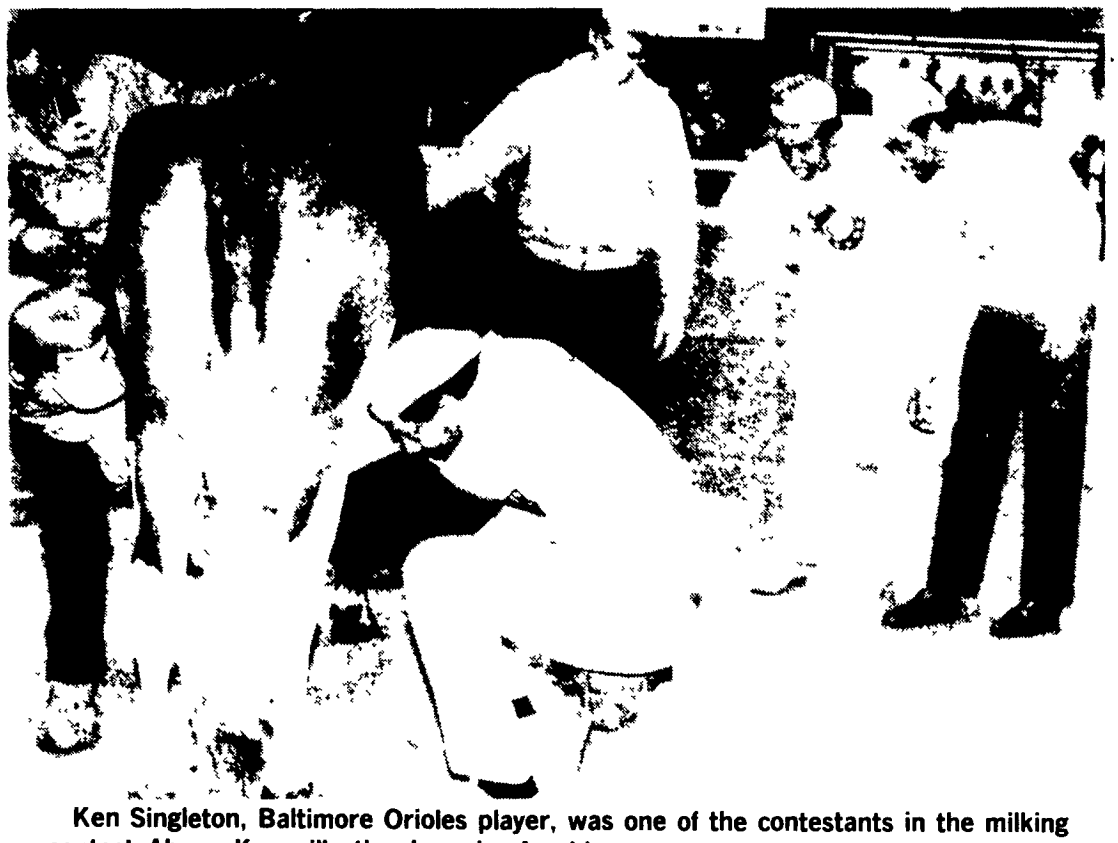
Maryland Ayrshire.

Perched on the traditional milk stoll, Baltimore Orioles player Ken Singleton, representing WBAL-TV, pulled ahead of his two competitors, news sportscasters John Saunders, WMAR-TV, and Ronnie Duncan, WJT-TV.

For his victory, Singleton was awarded a hand-painted, inscribed ceramic milk can, while Saunders and Duncan each received a crystal milk pitcher from the cooperative.

Judge of the fullest milk container was Dairy Princess Robin Hill, and the Magic Cow, played by Marsha Smith, was on hand to lend moral support of the milk off. Marsha and her husband, Parker, are Dairymen's current Young Cooperator Couple.

Standing calmly and regally through all this center arena attention was a four-year-old purebred Ayrshire, "Ardrossan Kellogg Soft Eye." "Soft Eye" was handled in the contest by her owner, John Patrick of Woodbine. John is the son of Mr. and Mrs. David Patrick, a division director of Dairymen, and breeders of purebred Ayrshires on their Maple Dell Farm at Woodbine.



Ken Singleton, Baltimore Orioles player, was one of the contestants in the milking contest. Above, Ken milks the champion Ayrshire.

Sportscaster John Saunders, WMAR-TV also tries his hand at milking.

Patrick's prize 4-H animal before his "graduation" from the youth program, "Soft Eye" was the 1981 Central National grand champion and 1982 All-American three-year-old. This year, the 13,500 pound milk, 747 fat, producer earned champion honors at the Maryland State Fair, first place at Madison's Central National and second at the Harrisburg All-American show.

Representatives of the Blast team presented Ralph Strock, manager of Dairymen's Baltimore divison office, with a plaque of appreciation for the cooperative's sponsorship of the milk promotion night.

Some 1500 Sip-Ups, the flavored Ultra-High Temperature milk packaged by Dairymen, were given away at the end of the game. Spectators also took home dairy promotion handouts, including milk fitness booklets, book covers and cents-off coupons for Sip-Ups.

During breaks in the game's arena action, milk announcements briefed the several thousand people packing the Civic Center on general dairy information and the Farm Best and Sip-Ups UHT products.

Coordinator for the first-time Blast milk promotion was Cindy Rutter of the Dairymen division field staff.

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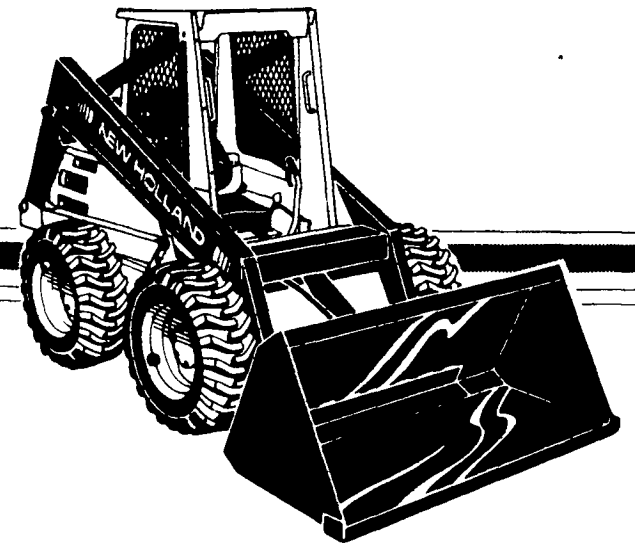

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DVC plans floral show

DOYLESTOWN — As part of its continuing community lecture series, the Delaware Valley College Ornamental Horticulture Department in conjunction with its Floral Society will host Edward L. Lindemann, Staff Horticulturist and Flower Show Designer with the Pennsylvania Horticultural Society.

This program will be held on Wednesday, Jan. 25 at 7:30 p.m. in the all-purpose room of the College's Student Center. His presentation is titled "Countdown to Spring-- Behind the Scenes at the Philadelphia Flower Show". The program is open to the public free of charge. Lindemann's program will feature a multi screen slide presentation.

Delaware Valley College is located on Route 202, one mile west of Doylestown.

As designer of the world's largest indoor flower show, Ed Lindemann is responsible for arranging a five acre floor plan for over 100 major exhibits and designing the aesthetic features of the show.

Lindemann joined the Society as Staff Horticulturist in 1972 and became Flower Show Designer in 1980. He previously worked as a landscape designer.

Lindemann lectures on various horticultural topics and writes regularly for Green Scene magazine, published by the Society. Since 1975, he has conducted a regular segment on Philadelphia's award-winning children's "Captain Noah Show" on ABC-affiliated WPVI-TV entitled "A Child's Garden."

A noted graphic designer, Mr. Lindemann has designed many brochures, programs and flyers and is the illustrator of Indoor Gardening in the Classroom, a teaching guide for upper elementary and middle school students.

The versatile designer received a Bachelor of Science degree in Ornamental Horticulture from Delaware Valley College of Science and Agriculture.

Lindemann is a member of the Delaware Valley Chapter of the National Council for Therapy and Rehabilitation Through Horticulture, The Garden Writers Association of America, the American Association of Botanic Gardens and Arboreta. He is a director of the Friends of Laurel Hill Cemetery.

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Smoketown Dairy Sales observes 10th anniversary

Helen and Gordon Fritz, owners of Smoketown Quality Dairy Sales Co., Inc.

Handling cattle sale, from the left, are Gordon Fritz, of Smoketown Quality Dairy Sales; Henry Kettering, pedigrees; and Paul Snyder, auctioneer.

BY JACK HUBLEY

SMOKETOWN — When Gordon Fritz tells you he was born 53 years ago, don't believe him. Fifty-three years ago he was shot out of a gun, and it's going to take a lot more than half-a-century to slow this man down.

Fritz and cattle mix like ham and eggs, a fact readily apparent during the 10th anniversary sale of his Smoketown Quality Dairy Sales Co., on December 30. Wearing a knit sweater with appropriate Holstein motif, Fritz teamed with ring man John Petersheim, making sure that buyers had ample opportunity to appraise his cows from all angles.

Things got underway with John Peila's introduction of each cow and Henry Kettering's presentation of milk records and pedigrees. After that it was up to auctioneers Paul Snyder and Carl Diller to keep things moving, the whole affair being a well-orchestrated demonstration of just how a cow ought to be sold.

Now and then sensing when proceedings might benefit from a kick in the pants, Fritz was quick to grab a microphone and let buyers know just why they ought to be in the thick of things.

Developed through lifetime immersion in the cattle business, this sense of auction tempo is no accident. Born and raised in Smoketown, Gordon credits his father, John Fritz, for providing him with the backbone of his dairy experience.

"With Daddy running a cattle business the three of us boys had a one-way ticket to hard work," Fritz recalls, "and by the time I was sixteen I was borrowing the pick-up to buy and sell calves."

The mid-50's found Gordon buying and selling with his brother Robert, a partnership that lasted until 1967, when Gordon and his wife Helen decided to go it alone.

A self-confessed "city" girl with no knowledge of the dairy business, Helen caught on quickly.

"She'd often do the feeding and milking while I was out buying and selling," Fritz reminisces. "I might by 500 miles from home when I'd call her and say, 'what's goin' on?' She'd say,

(Turn to Page B34)

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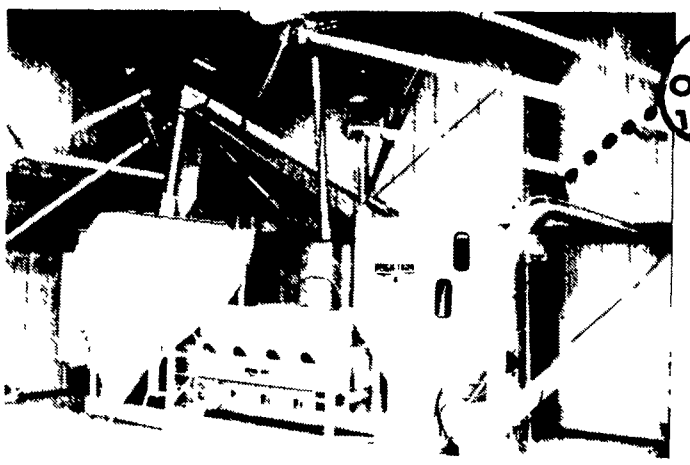

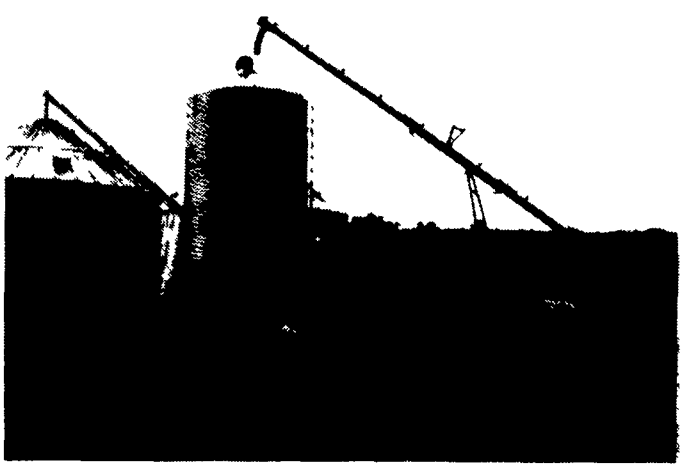
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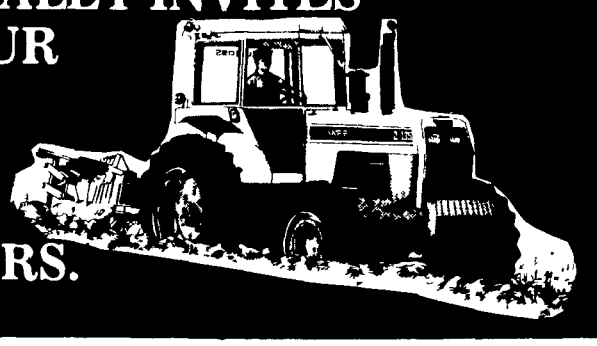

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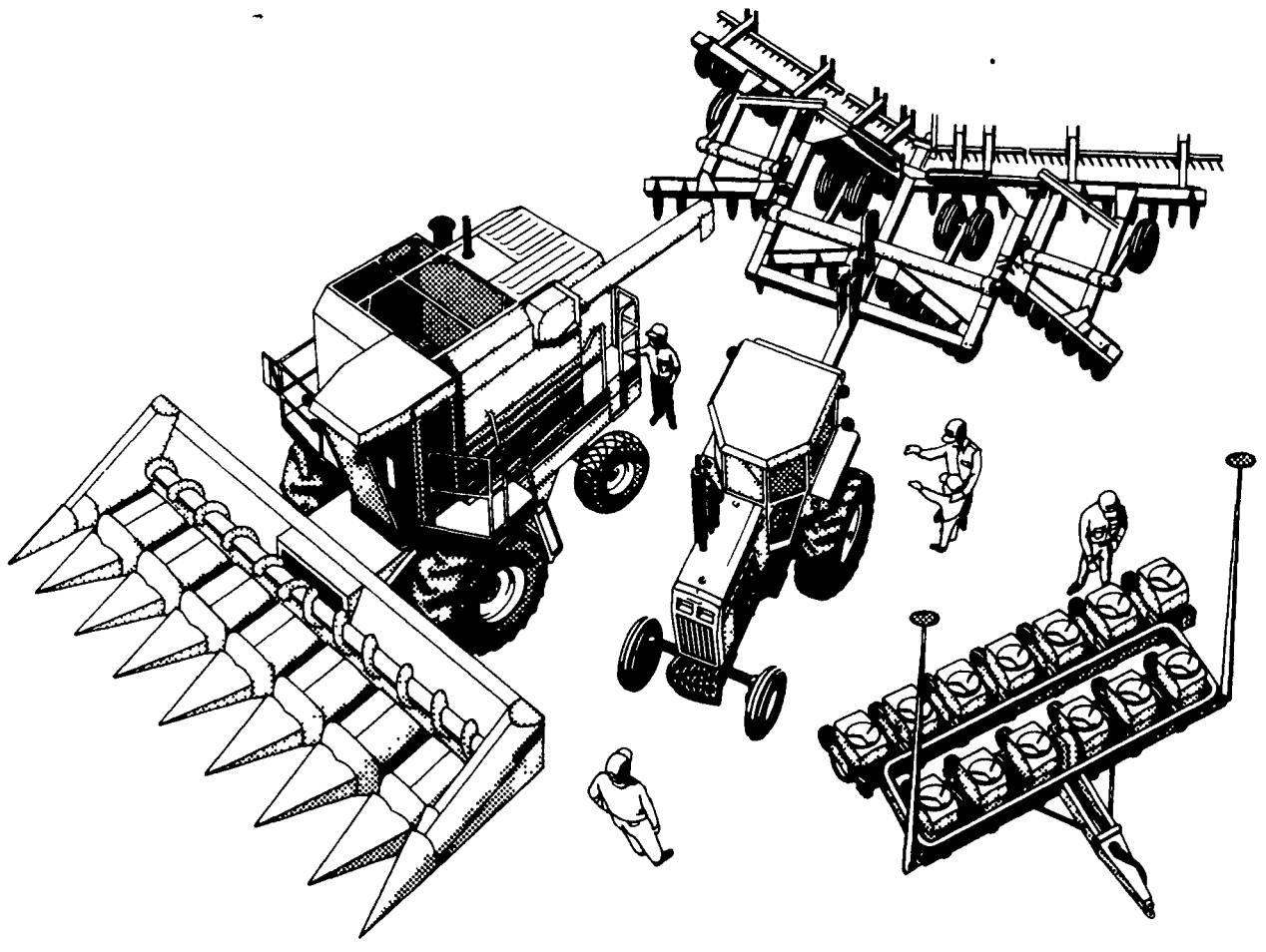

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Clubs Make Food Baskets

ELVERSON — In an effort to demonstrate the true meaning of Christmas, 13 Twin Valley clubs and classes joined resources to make Christmas food baskets for families in the Twin Valley District. A total of 31 baskets were put together, with money donated by the clubs, classes and canned goods donated by individual students.

Groups which contributed were: German Club, Future Homemakers of America, Audio-visual club, Varsity Club, Future Business Leaders of America, Choirs, Yearbook, Class of 1984, Class of 1985, Class of 1987, and Future Farmers of America.

Chris Cylcewski, chairman of the FFA Building Our American Communities committee, took charge of the combined effort. The Steeple of People group distributed the baskets in the community.

As one club advisor stated, "All year we sell things in the community, this is our opportunity to show our appreciation and do something for the community."

Pa. crop production cited

HARRISBURG — Pennsylvania's 1983 production of wheat, barley and rye was more than production in 1982, but production of oats declined, according to the Pennsylvania Crop Reporting Service.

Production of winter wheat was 8,580,000 bushels, five percent above 1982. The 220,000 acres harvested was four percent below last year. Yield per harvested acre was 39 bushels, three bushels above 1982. Barley production was 3,850,000 bushels, three percent above a year ago. Acreage harvested was 70,000 with an average yield of 55 bushels per acre.

Rye production was 578,000 bushels, 42 percent above last year. Acreage harvested was 17,000 with an average yield of 34 bushels per acre. Oats production was 16,200,000, 18 percent below last year. acreage harvested was 300,000 with an average yield per acre of 54 bushels.

Pennsylvania farmers seeded 230,000 acres of winter wheat in the fall of 1983 for the 1984 crop, about the same as last year. Rye seedings for all purposes amounted to 80,000 acres in the fall of 1983, 20,000 acres more than last year.

National production of winter wheat, barley and oats in 1983 declined, while rye was above 1982 production levels. Production of winter wheat totaled 1.99 billion bushels, six percent below 1982. Barley production was estimated at 519 million bushels, one percent below the record high 522 million bushels produced in 1982.

United States oats production was 477 million bushels, 23 percent than the 1982 crop. Total rye production at 28.2 million bushels is 34 percent above 1982 production.

Farmers in the United States seeded 64.9 million acres of winter wheat in the fall of 1983 for the 1984 crop, four percent above last year's seedings. Rye acres seeded across the nation totaled 2.98 million, up eight percent from 1982.

Smoketown Dairy Sales

(Continued from Page B32)

"Everything's fine, I just got done delivering a calf."'

In 1972, Fritz's career took an important turn with a call from friend John Peila. Peila had found a purebred herd available for dispersal in Vermont if Gordon would like to have a look.

Fritz sums it up. "So I bought 'em, brought 'em home, put up a big tent, and we had a sale. And except for all the fuses we blew trying to tie into the house's electricity, it was a big success, too."

The following year Fritz's neighbors Ben and Margaret Deverter solved his cattle housing problems by presenting him with their garage which was scheduled to be torn down. The hitch? Only one. Move it, and it's yours.

Fritz soon had an appropriate foundation built, and through the ingenuity of John and Mose Byler and John Petersheim, the entire garage was transported intact on steel rollers to its new home next door.

With Fritz's two sons Ron and Gordie putting their shoulders into the business, Smoketown Quality Dairy Sales Co., was ready to sell cattle by December, 1973.

During the early days, Fritz owned all of the livestock offered at his sales, but as word spread of his success, farmers began to press Gordon to sell on consignment as well.

During those first eight years, Fritz estimates that he owned about 80% of the cattle he sold, a figure that began changing slowly at first, and then quite dramatically during 1982.

With the dairy market floundering last summer, Fritz decided to change his strategy. During the last third of 1982 over 90% of his cattle were sold on consignment basis with seven of Fritz's last 10 sales representing herd dispersals, largely from the New England states.

And if sales attendance and receipts are measures of success, then the approach seems to be working. Despite competition from four other area sales on December 9, for example, Smoketown posted a record attendance of 119 registered bidders who paid an average of $1135.00 for Fritz's herd of 34 cows, heifers, and calves.

But the cattle business can hardly be termed a rose garden with Gordon and Helen yoked to an enterprise that commands as much as 15 hours of each day. And with Fritz's 82-year-old father, John, still active in the business and offering his own cows at Gordon's last two sales, retirement and a life of leisure can hardly be termed a Fritz tradition.

Watching Gordon in action, it's apparent that the man could probably sell most anything. Cattle? Of course. Snowmobiles in Jamaica? No doubt.

If he had it to do over again would he opt for a repeat performance?

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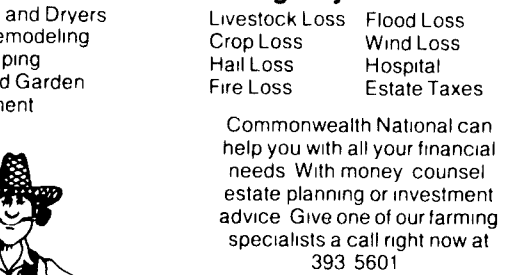

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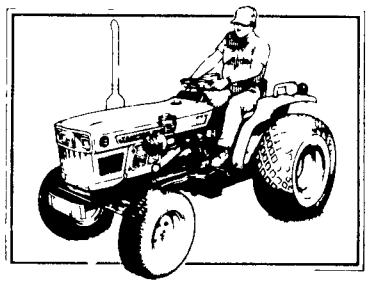

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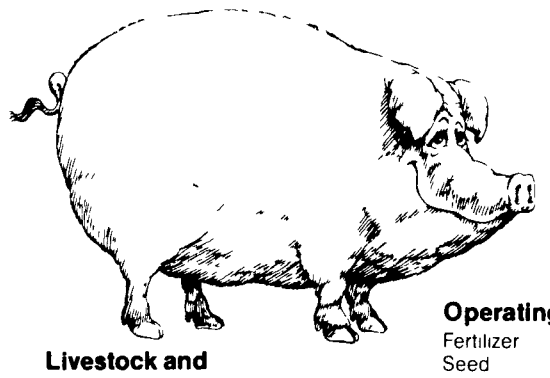

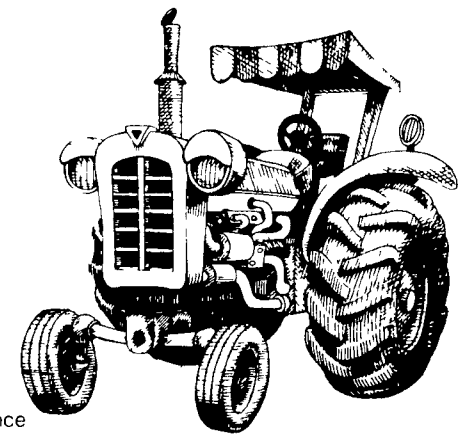

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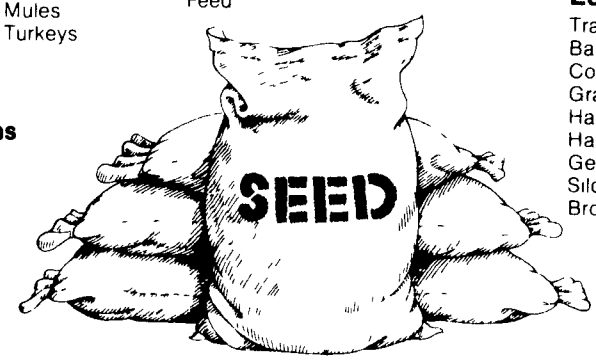

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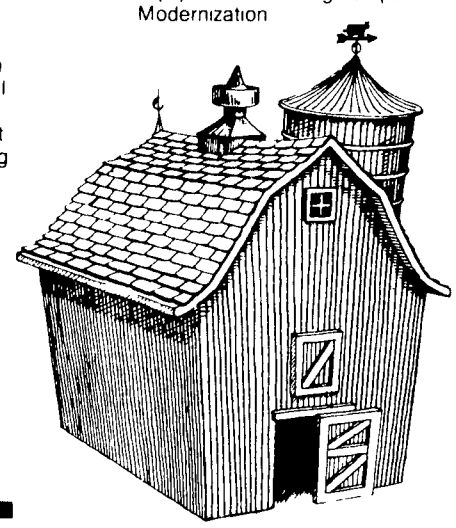

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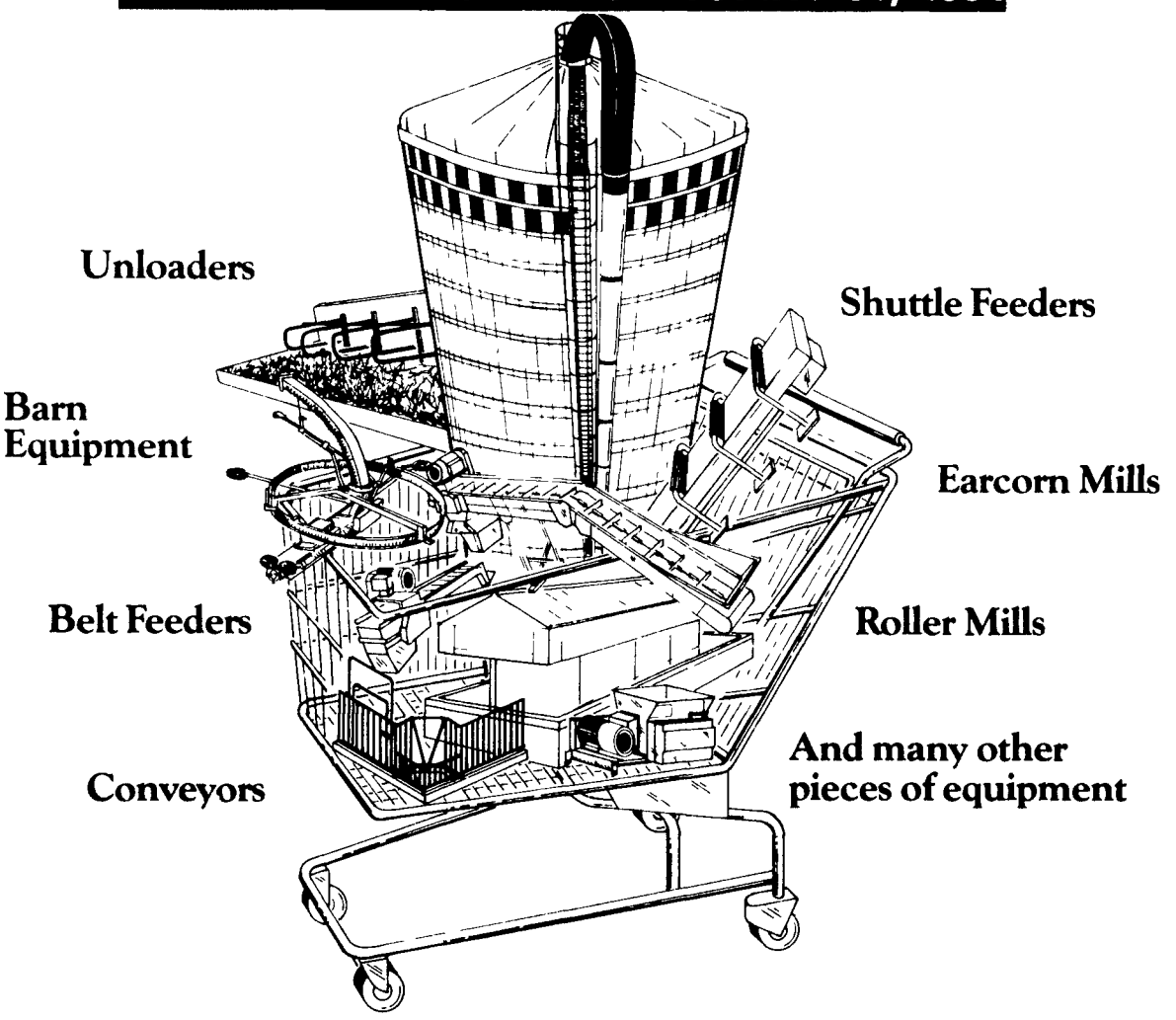

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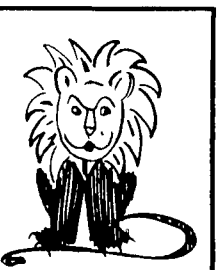
Conservation teacher to be named

LEBANON — Nominations are being accepted for the national "Conservation Teacher-of-the-Year" awards program, according to Donald Bollinger, Chairman of the Lebanon Conservation District. The competition is open to all full-time teachers working at the kindergarten through high school level who have developed an outstanding program of environmental education.

The National Conservation Teacher-of-the Year will receive $1,000 in cash and an expense paid trip to Honolulu, Hawaii, for the 1985 annual convention of the National Association of Conservation Districts. The national second place winner receives a $500 cash award and the first place regional winner will receive $200.

Co-sponsored by NACD and the Allis Chalmers Corporation, the purpose of the awards program is to encourage the development of creative learning experiences in conservation for young people. "Any teacher in a public or private school in our conservation district who puts emphasis on environmental conservation as a regular part of the instructional program is eligible for nomination," said Mr. Bollinger.

Interested teachers can obtain additional information and nomination forms from the Lebanon Conservation District at 272-3377. The awards program also honors the conservation districts judged to have provided the most effective stimulus and help for conservation education programs within the district.



I'M NOT LION...

The Classified Livestock Section Has Beastly Selections!

Brockett's Ag Advice

By John E. Brockett
Farm Management Agent
Lewistown Extension Office

New Year

As you start a new year why not do yourself a favor. Make one resolution - to keep a good usuable set of records for 1984. Then pin this resolution on the bulletin board on the kitchen refrigerator, on your farm office wall and on the conspicuous bathroom wall. Have someone in the family be responsible each month to replace that paper containing the resolution with a fresh one. Give a prize at the end of the year to the most inspiring one.

Last week I suggested making an inventory. That could be part of your record keeping. If the day ever came that all the farmers in my area had good records, and used them, I'd probably be as happy as an old hog in a mud puddle on a hot July day. Most farmers use records solely for tax reporting. What a waste of a valuable resource.

Your Enterprise

Regardless of your farm enterprise speciality records are important. If you are not keeping and using records to determine production costs, you are not making as much money as you could. For some of you wise guys out there I am only taking about legit farm enterprises not "the weed" or "joy juice."

Time and again I work with a farmer who complains that he is not making as much income as he should. The phrase "someday the public is going to wake up and find no farmers and no food" is a cop out for those who are looking for excuses to not keep and use records. For those of you who think this is a statement you or your generation has first concocted, think again. Adam probably said it to Eve just before the snake came into the act.

Records and Analysis

There is a lot of help available thru "Extension" as well as private organizations to those who want good records. What are the criterias for good usuable records? 1. it must be simple and easy to keep, 2. it must have enough detail so the farm manager can look at it a year later and understand what it says, 3. it must have enough detail so the information can be used to analyze and to project the farm business, 4. it must be usuable for tax reporting, credit determination, and managerial decision making.

Farmers are basically ingeneous people. They could keep good records and they could do a business enterprise analysis, if the desire was there. I guess the question comes back to the one I have asked many times before "how much do you want to farm?"

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Sample ag at Pa. Food Marketplace

HARRISBURG — The Pennsylvania Food Marketplace will again be a center of attraction at the Pennsylvania Farm Show.

Ag Secretary Penrose Hallowell said that 21 Pennsylvania food firms are scheduled to have displays, distribute samples and sell products to the throngs of Farm Show visitors that will file past their booths in the lower level of the large arena.

"These films are representative of more than 1,400 food processors and 28,000 retail food outlets in the commonwealth," Hallowell said. "They are a very essential component of our economy, with annual sales in excess of $25 billion and employment for nearly one-fifth of the entire state workforce," he continued.

Both the food processing and retailing industry have demonstrated strong support of Pennsylvania agriculture. "Over 200 Pennsylvania food processors and 2,000 farm and retail markets have adopted the 'We're Growing Better' of 'Keystone Pride' logo campaigns to identify and increase sales of Pennsylvania foods, keeping agriculture the number one industry in the state.

"The Marketplace is the premiere showcase for our food processors and retailers, and has become a must stop for Farm Show visitors," said the Secretary in urging the public to "come and taste the goodness of Pennsylvania and discover why in Pennsylvania Agriculture — We're Growing Better!"

Firms participating in this year's Food Marketplace are K & N Soft Pretzel Company, King of Prussia, selling soft pretzels; Fresh Mushroom Awareness Association of Hockessin, selling fresh mushrooms; Pennsylvania Cooperative Potato Growers, of Harrisburg, selling potatoes and potato products; Groff Snack Foods of Bowmansville, selling potato chips, pretzels and corn products; Hatfield Packing Company of Hatfield, distributing pork samples and coupons; Weis Markets of Sunbury, distributing milk samples and coupons; Phillips Lancaster County Swiss Cheese Company of Gordonville, selling cheese.

Also, Kitchen Kettle Foods of Intercourse, selling jams, relishes and baked goods; Herr Foods of Nottingham, selling chips, pretzels and snacks; Green's Purity Bakery of Hershey, selling bakery items; High Point Acres of Finleyville, selling goat's milk fudge and peanut brittle; Furman Canning Company of Northumberland, selling various tomato and vegetable products; Snyder's of Hanover, selling potato chips and pretzels; Pennsylvania Maple Syrup Producers Council of Montrose, selling maple syrup and products.

Also Hall's Dairy Pleasant Home Farm of Millerstown, selling dairy products; Shope's Farm Deli of Bird-in-Hand, selling cheeses and meats; Spring Glen Farms of Ephrata, selling jams and jellies; Seltzer's Lebanon Bologna Company of Palmyra, selling Lebanon bologna; The Cookie Corner of Lebanon, selling cookies; Boston Farm Products of Stillwater, selling jams, jellies and snack items; and Quality Distributing selling candy items.

Grange talent to perform

HARRISBURG — The Pennsylvania State Grange, honoring an invitation by Pa. Secretary of Agriculture Penrose Hallowell, will be providing some of the musical entertainment appearing at the Farm Show's opening night Youth Benefit Concert tomorrow.

The group representing the Grange is "Sassafrass" - a five-member, vocal/instrumental ensemble well-known to Grange members for its bluegrass music. The members of Sassafrass are all members of the Greenwood Grange in Clearfield County.

The group has won top honors in past Grange district talent contests, and this year won in the instrumental category of the Grange State Talent Finals held in Clearfield this past October during the Grange's annual convention. Sassafrass maintains a substantial following for its music, both in and outside the Grange, playing locally and traveling for public engagements.

The members of the group are as follows: Ruth Dickey (guitar), Nancy Ingel (vocal/guitar), George Irwin (vocal/mandolin), Jean Young (vocal/bass) and Jim Young (vocal/banjo). All the members are from Mahaffey.

Sassafrass is scheduled to perform first at the Youth Benefit Concert which begins at 6:30 p.m.

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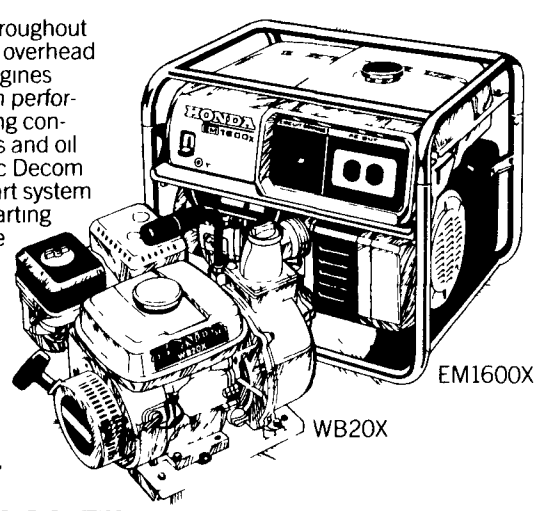

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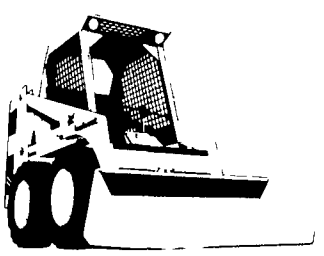

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bobcat CLARK

Sale Reports

A Public Sale of new and used equipment was held December 30 by C.B. Hoober & Son, Inc., 8 miles east of Lancaster along Route 340 in Intercourse, Pa.

Some prices included: M.F. 1100 tractor $6900, 6 row corn planter $3300, 4-bottom plow $1425, 2 farm wagons $1650 each, H.C. disc $1400, corn husker $2350, Deutz 5506 tractor $3425 and chisel plow $975.

Auctioneers were Robert E. & Jeffrey R. Martin and Frank L. Steller.

XXX

An Auction of antiques and quilts was held December 31 for the estate of Susanna A. Eshleman at the Paradise Fire Hall, along Rt. 30, 10 miles east of Lancaster, Pa. There were 249 registered buyers present and items were sold from 9 to 4:30 to a crowd of 500 people.

Some prices received were: secretary-desk $1450, woodbox $700, Demuth snuff jar w/broken lid $180, redware pie plates $180, $110 & $65, Martins milk bottle $32.50, glass bird candy container $400, dolls $170 & $95, childs iron $37.50, crib quilt $375, old quilts $310, $275 & $190, 4 baby spoons $220, ivory shoe buckler $190, homespun mattress cover $90, kitchen clock $225, camel back trunk $155, 2 petticoats $140, 1851 $1 gold piece $250 and 1895 $5 gold piece $225.

Ron Funk Auctions with Gordon Ressler, Jeff Knosp and Richard Moyer auctioneers.

MAILBOX MARKET

For Sale Metal cab for AC 190 tractor with round fenders, D 17 Series III w/wide front 717 334 8289 after 6 00 p m

For Sale Aluminum sheets ¼ x7 x20 ¼ 'x6'x20 , 1 x8 x20 $1 40/lb channels 8 angles, tubing square tubing, $1 15/lb 301 824 7240 no Sunday calls

For Sale 68 Int 4x4 1700 with 5,488 original miles $4500 00 73 Int 4x4 1210 with 53,000 miles $2200 00 Frederick Co 301 293 2577

For Sale MF 750 Hydro Diesel w/13' grain head $20000 00 corn head available sharp 750

MAILBOX MARKET

Diesel Union Co eves 717 524 2408

For Sale AKC German Shepherd pups 215 445 5195

For Sale High pressure washer/sump pump 3ph motor w/holding tank, 220 hook up Ford 3pt disk Dauphin Co 717 469 7243

Wanted 12 to 14 ft Grain Elev Leg New Castle Co , Del 302 653 2208 after 6

For Sale Detroit 453 Diesel engine best offer Franklin Co 717 328 5414, 73 Mack rear S A from RT910 Franklin Co 717 328 3407

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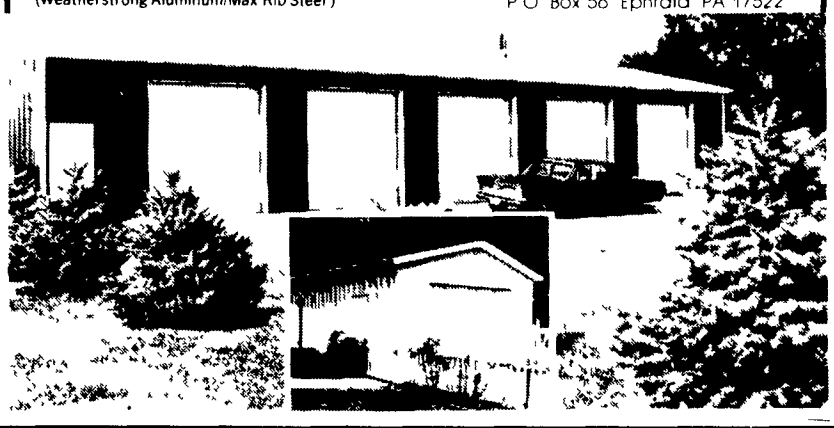

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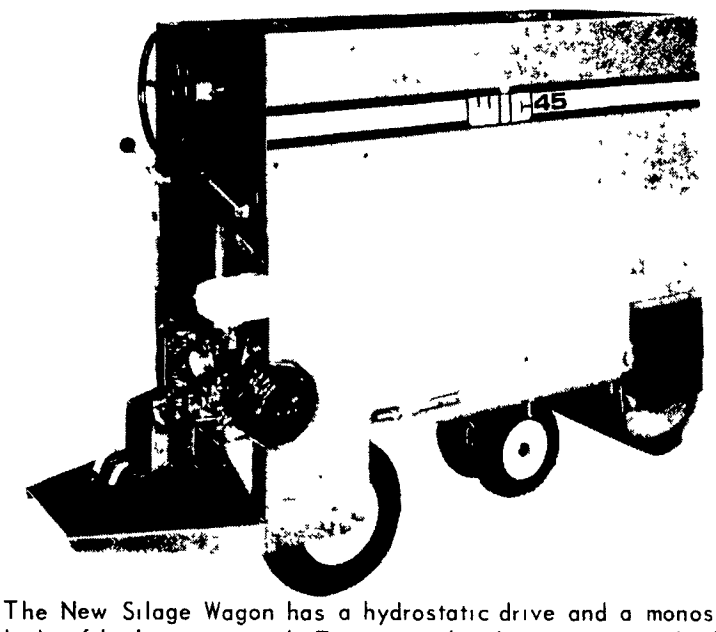

The New Silage Wagon has a hydrostatic drive and a monoshell body of high gauge steel. For use with silage, green or dry hay. Available in 3 sizes, 37, 51 and 74 bushels with 3 unloading options, one or two side and top unloading.
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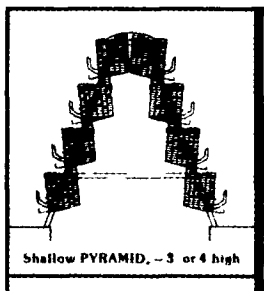
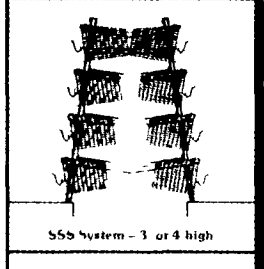
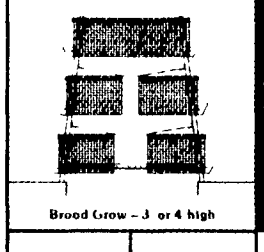
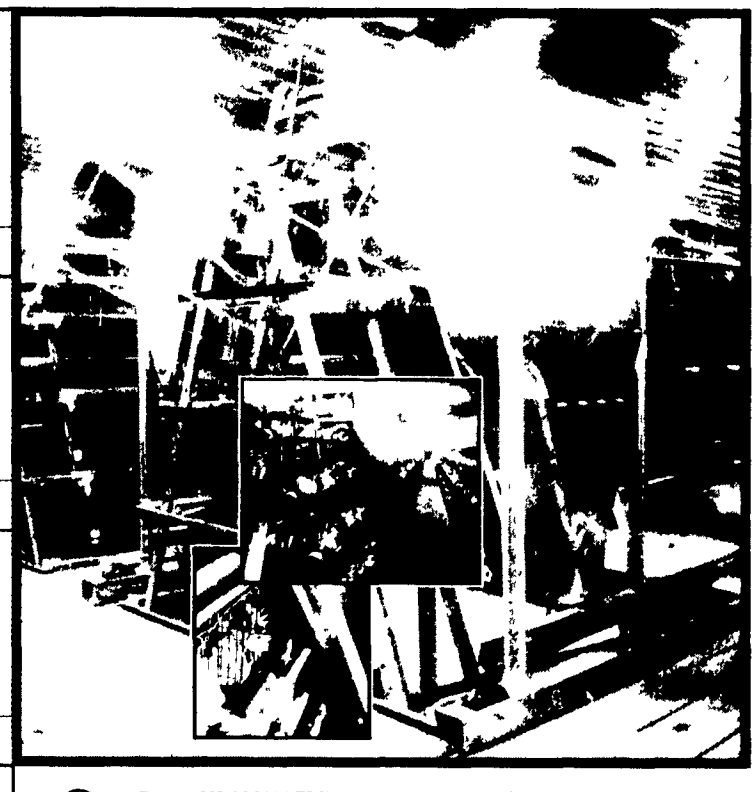

Shallow PYRAMID, – 3 or 4 high


SSS System – 3 or 4 high


Brood Grow – 3 or 4 high



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For Sale W30 Int Tractor for Parts or restore $250 00, JD A GV for parts $300 00 Bucks Co , 215 968-4808 nights

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Wanted Belly mower for Farmall Cub, priced reasonable, eves 609 468 6286

Wanted GMC V6-401 Tk or bus for parts For Sale 100' litter carrier track, $50 00 Walker Fox hound pups Bedford Co , 814 784 5872

For Sale 1st 2nd & 3rd cutting of alfalfa hay no rain bright rye straw no rain 717 768 8393

For Sale 7 yr old sad dlebred buggy horse well broke Daniel L Stoltzfus Bird in Hand Box 289 17505 RD1 Snake Hill Road

For Sale Two claw foot bathtubs with faucets, excellent cond Dated 1938 Best offer Lanc Co , 717 687 6538

For Sale 1967 Dodge Charger, all original, 383, 4 spd , new paint and tires, $2395 00, snow blower, Lanc Co 215-445 5615

Wanted Wrought iron fence 180"x1¼" galvanized pipe Force pump Write Box 254 Route 2 Mt Pleasant Mills, Pa 17853

Notice Complete Farm Record books for dairy, poultry, Livestock and crop farmers $3 95 717 464 2528 Lanc Co

For Sale Big Bl[illegible] mare Elvin W Martin Rt#1 Box 257 Port Trevorton Pa 17864 Snyder Co

For Sale Gehl 65 Grinder Mixer fair condition $500 00 No Sunday calls Union Co 717 922 1135

For Sale 1969 Chevy C30 Dual wheels W/19 6" Khapheide grain and livestock body 2 ton hoist, $3,000 Columbia Co , 717 784 4188

For Sale Two friendly mink like ferrets Neutered male babies Great mousers! Litter trained, shots Racoon faces $60 00/ea 717 789 4358, Perry Co

For Sale 1978 Scout traveler 345 V8 auto trans every option offered in 78 Eycl cond $4195, 1965 CJ5 Jeep 4 cyl $750 717 935 5223

Wanted Gears or complete gearbox for JD 40 manure spreader Union Co 717 922 1851

[illegible] good cond short tongue $35 00 can deliver York Co 717 235 2032

Wanted Small farm minimum 10 acres brick or stone farmhouse between Hanover Glenville rent or buy Box 167 Arendstville 17303

For Sale 2 Reg Holstein heifers both due Feb 1984 $800 00 for one or $1500 00 for both York Co 717 428-1709

Notice Need parts for 5HP NH write Randy Eisensmith RD#1 Mt Wolf, Pa 17347

For Sale Zimmermans 2 axle 6 ton lowboy trailer, full width deck, ramps, electric brakes York Co 717 755-8439

For Sale York feeder pigs (24) cast on feed, worm Also Hamp ram and black ram Call eves Har Co , 301 692 5905

[illegible] Delta tablesaw Ser No 46 1726 in good condition Jonas L Zook R#2 Box 320D Myerstown Pa 17067

For Sale Truck tire changer air electric 1 HP single phase motor 215 756 6106 after 5 p m or 215 756 6670 anytime North Western Lehigh Co

For Sale boat trailer, 3,000 gross weight, needs some work $75 or best offer Berks Co , 215 367 8959

For Sale 201 NI manure spreader, new floor chain $200, corner chain for Jamesway shuttlestroke barncleaner $50 Montg Co 215 754 7012

For Sale 5 Home raised steers, 2 angus, 3 herefords opp 850 900 lbs , Leb Co 717 469 7589, 6 to 10 a m

Notice Custom butchering beef or pork, reasonable rates at my shop or will travel to you York Co , 717 229 2530

For Sale - 1 corn planter 469 JD soybeans 280 gal gas tank with pump, 6 rattair puppies Bucks Co 215 249 3900

For Sale Buckeye #119 Brooder Stove made by Buck Incubater Co Pringfield, Ohio $25 00 Lehigh Co 215 967 3957

For Sale JD 146 loader w/2 buckets, like new, Hagerstown MD 301 797 3921

Wanted To Buy 100 acres or more Limestone farm in Carlisle, Shippensburg or Walnut Bottom area 717 737 8000 after 6 00 p m

For Sale One load, Standardbred carriage horses, one mans horse, one saddlebred anyone can drive springwagon 600 00 Lanc Co , 717 354 8745

For Sale Mechanical transplanter, 2 row, 3 pt , 275 00 Feeder pigs, Amos H Weaver RD#4 Box 116 Lititz, Pa 17543

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For Sale 510 Inter Payloader 3 spd valve Bucket teeth Less than 500 hrs Berkeley Co 304 754 8065 after 6 00 p m

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For Sale Samoyed breeders 1 male 4 females AKC reg Also Siberian Husky male blue eyes, AKC Lanc Co 717 656 9876

For Sale Nine month old red & white registered Holstein bull Son of Green Banks Diplomat Lebanon Co , 717 273 2076

For Sale 1979 Arctic cat E1 Tigre 5000 snowmobile, Excellent condition, Berks Co , call 215 286 5237 after 7 00 p m

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For Sale Reg Belgian Stallion R K D and Farcear Breeding, Eli H Miller R D#2 Box 298 A, Dover, Del 19901

For Sale Approx 600 Bales 2nd & 3rd cutting alfalfa $125 00 per ton Phone 717 252 2065 after 3 p m York Co

For Sale Bulldozer D2 cat, standard transmission, hydraulic blade $1800 Adams Co 717 624 4648

For Sale Kiln dried red oak FAS $1 20 per board ft KD poplar $ 75 Berks Co , 215 856 7856

For Sale Farmac Super 'A" $1695, Old Creamer Bottles (Hershey s) $15 00 ea Sch Co 717 345 8965

Wanted Set of used tractor tire chains for 13 6x28 tire, also scout 3 pt backhoe for parts Wyo Co 717 586 0145

Wanted Radiator for later model Case LAI tractor 607 843 9614

For Sale Cub tractor new one of the last batch made by Inter 4000 00 609 771 3664 Mercer Co

For Sale Grass & mixed hay Clinton Co call after 5 p m 717 726 6704

Wanted Oliver 77 or Super 77 with live PTO and hydraulic Lanc Co after 6 p m 717 653 1635

For Sale 65 Gehl grinder mixer $900 00 Inter 351 3 btm 3 pt plow $350 00 4 x15 vaccum hose $50 00 ea 717 733 2584

For Sale Standardbred carriage or buggy horse 5 yr old good broke Also Jersey cow due soon with second calf 717 354 5039

For Sale JD 4400 Diesel Combine air, heat strawchopper monitor flexhead rear wheelweights, clean new condition 215 489 4620 Collegeville, Montg Co

For Sale Int 460 Diesel Snowplow, flatbed wagons, JD #1240 plateless cornplanter, Shelmire Fms, 510 Mill Rd , Quakertown, Pa 10951, 215 536 5182

Wanted Part time help, and 60 acre farm or shares, Box 204 Glenmore, Pa 19343

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For high moisture grain Long incorporates the strength of corrugated steel with a protective glass fused to steel coating to produce the lowest cost, glass-lined, oxygen limiting storage system for high moisture grain that you can buy Breather bags and choice of bottom unloader with tapered, power-driven sweep augers, or standard 6" auger unloader with clean-out sweep arm, complete this outstanding storage system.

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These smooth wall silos are constructed of heavy gauge steel with a glass-fused-to-steel coating permanently bonded to both sides of the sheets to give maximum protection against acids inside the silo and elements outside. Long's glass-lined silos are designed for both high-moisture grain and medium-moisture forages. Breather bags and bottom unloader with tapered, power-driven sweep auger for grain storage or heavy duty chain unloader for forage and grain storage complete this system

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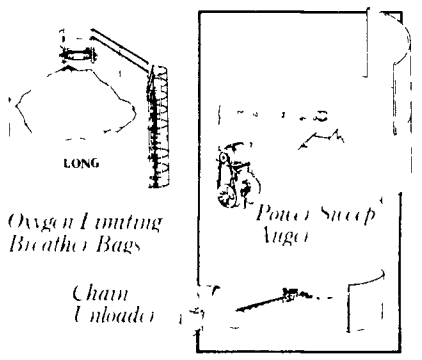
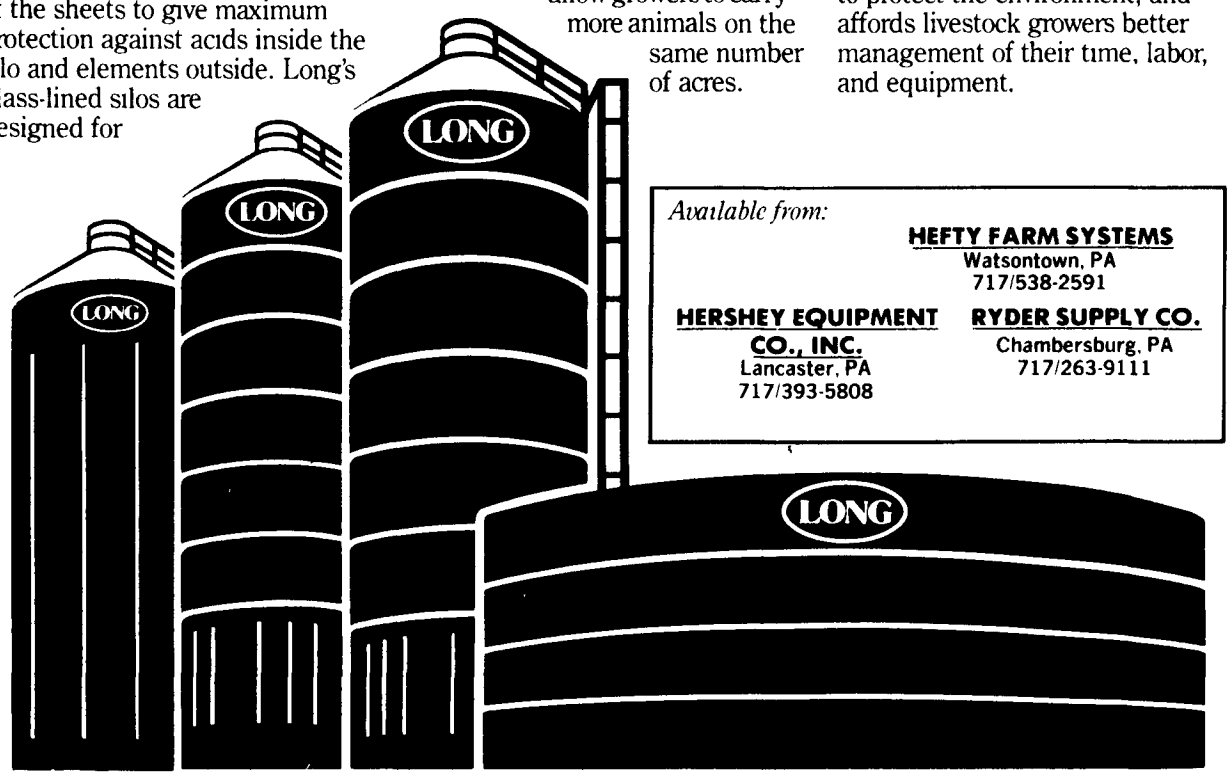
Both storage systems feature glass-fused-to-steel wall and roof panels for maximum feed protection, and radius drawn roofs with 30.5 degree pitch for extra strength. Breather bags, suspended in the roof, provide an oxygen limiting environment for feed. The feed stays fresher longer and is more digestible, more palatable, and more nutritious. These systems are designed to cut feed losses —both quality and quantity, and allow growers to carry more animals on the same number of acres.



(3) STOR-LIX® LIQUID MANURE STORAGE SYSTEMS:

Stor-Lix tanks are constructed of glass-fused-to-steel walls sheets for protection and durability. Long's Stor-Lix system helps to preserve the nutrient value of manure; helps to protect the environment; and affords livestock growers better management of their time, labor, and equipment.



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For Sale Antique buggy w/rubber tires single seat Two seated buggy w/surrey top Both in good condition $650 00/each 215 766-8787 Bucks Co

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For Sale One Snyder 5000 gal vertical poly tank w/valve $1200 00 or without valve $1150 00 Bucks Co 215 794 8287

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Wanted New or used storm front market wagon and/or spring wagon, state price and condition, all replies answered, T Holliday, Rt 4 Box 244 Waynesboro TN 38485

Top Quality Hay, Straw Oats Steer hay 140 per ton and up mulch hay Call before 7 a m or after 7 p m 201 735 8389 or 201 735 4408, days 201 735 8865

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For Sale 20'x80' Harvestore w/Goliath unloader, new chain & gears, metal 3 ton feed bin never used Chester Co 215 593 6664

For Sale - 8' Utility body late model, not rusted $275, bulk feed tank 5 ton Berks Co 215-845-2443 after 5 p m

For Sale 21 holstein cows, 1 purebred holstein stock bull, 225 gal Girton milk tank Rent - Barn and ground, (215) 383-0581

Wanted Gravely Convertible or commercial 10A 12 for parts or running 609-881-8243 C Brown, RT2, Box 264A, Williamstown, NJ 08094

For Sale 19 half lower Window Shutters 14"x62", 55 gal water heater Daniel U Stoltzfus 14500 Creek Rd , Willow Hill, Pa 17271

Wanted Bulldozer Track type with bucket - small size in good condition and reasonable Luzerne Co , 1 717 256-7890

MINI LOP RABBITS with papers $25 00 Very Loveable pets NZW Rabbits with papers, $10 00 Cecil Co , Md 301 885 2134

For Sale Outside calf hutches, $75 each, David B Stoltzfus, Rd 2 Box 282B, Nottingham, PA, take Brown Rd at Little Britian, second road right

For Sale 9 yr old Sad dlebred buggy horse, work horse David S Fisher, Osceola Mill Road, Paradise, Pa 17562

For Sale 3 grain bin wagons $400 00/each, 1050 white tractor $3000 00 215 286-9197

For Sale 11 28 tractor tire chains $100, Mayrath 20 ft 4 in grain auger with motor $100 Lehigh Co , 215 767 6048

For Sale 1971 JD 4000 Diesel Nice $9500 00, 1971 JD 4320 Nice $10,500 York Co , 717 229-2346

For Sale 1975 Black Dodge maxi van, 15 passenger, 318 auto radial tires, Starline tank manure spreader left hand $600 00 717 374 2250

Wanted - Cabin in woods, utilities unimportant, lease first year w/option to buy Harry Wakeley 317 Lake Ave, Williamstown, N J 08094

Wanted - Used drying floor and heat unit for grian bin, For Sale - MF 85 gas tractor WF, PS Eves 717 362 9850

For Sale 20' double chain wooden conveyor for feed or silage, 3 Boston terrior pups 8 wks Lanc Co , 717-656-8531

For Sale 7 yr old Sorrel Belgiun work horse stud 17 hands Broke single and double, steady Lewis Hoover, 717 966 3965

Wanted To Buy #30 Ejector for JD #336 baler For Sale 5 HP log Splitter Carroll Cty 301 857-4639

For Sale 6 acre of tillable land w/good 9 room house Rt 11 15 3 miles south of Selinsgrove, Snyder Co , 717 658-5125

For Sale 4 yr old Reg Jersey cow due Mar Lanc Co , call 717 656 8916

For Sale Parting AC WD45 gas clean JD 1010 Industrial tractor gas with 700 loader, $2400, Bucks Co , 215-598-7546

For Sale 1 hydraulic end gate for 5676 New Holland spreader Nice condition Lebanon Co , 717-865 3155

For Sale - 4 yr old nice Sorell Saddlebred carriage or buggy horse Good confirmation traffic safe Sound $900 00, 717-656-9565

For Sale 4x4 Army truck 1¼T Winch +PTO like new $4000, Qt Horse Stud 2 yrs Hancock 2d2 Background $1000 215-657 5830, Berks Co

For Sale Tobacco shed w/hip roof 32'x50', removed soon, Daniel King, Glen Brook Rd, Leola #1, Pa 17540, Talmage

Wanted Large size Bucket A Day stove, John Glick, Box 95 #4, Quarryville, Pa 17566 Lanc Co

For Sale Bostom Terrior, pup, male, make offer Lanc Co 717-354 7423

For Sale Pygmy Goats, 3 mos , buck $60 doe $75 , 17" jumping saddle $150, western pony saddle $45, N Lanc Co 717 627 2864

Notice Stud service avail AKC German Shepherd & AKC Samoyed, healthy & good temperment, Lanc Co 717 627 1687

For Sale - Woodstove fireplace insert $85, drive unit for Jamesway shuttle stroke gutter cleaner, Lanc Co 717-684-0077

For Sale - Siegler Kerosene Heatrola w/electric fan $50, 1 275 gal tank & fittings $35 Lanc Co 717 768 3404 after 5 p m

For Sale Spring wagons & buggies & horse related items 301-398-5696 after 7 30 P M

For Sale Heavy duty trailer, 4 wheels 7½'x16' long, canvas jeep top Wanted 1936 Ford 2 door sedan Montg Co 215 933 2469

Wanted MF Super 90 w/3 pt & reinote outlets in exc cond Centre Co 814-349-8177 after 6

For Sale - Soybean vines, large round bales, make offer Leb Co 717-866-6804

For Sale 3 pt hitch mulch plastic layer w/dry fertilizer attach , used 1 yr Cumberland Co 717 776 7942

For Sale 1 Springing cow $550 Franklin Co 717 597 4494

For Sale 2 Mennonite top buggies on rubber, new Witmer 1970, both good cond , price neg Berks Co 215 944 9973

Wanted Youth starting spring 1984, full or part-time, also no till corn planter Gideon Lapp, 328 Lebo Rd , Millersburg Pa 17061

For Sale 1939 Cletrac General GG wheel tractor, good shape, runs well $900 Tioga Co 717-673 5945

For Sale Portable Bearcat Hammer-Mill, self feed, extra screens, good cond $350 Lorne Detter, Dover, York Co 717-292-3172

For Sale 8' Meyers snow plow & frame, all lights, heavy duty for Dodge, like new York Co 717-244-6237

For Sale NAGHUG N 18 doubleheat woodstove w/build in circulation system, like new $425 Lanc Co 717 354-0009

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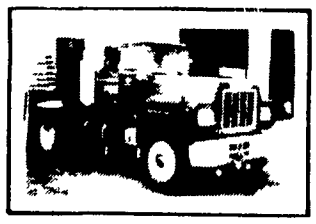
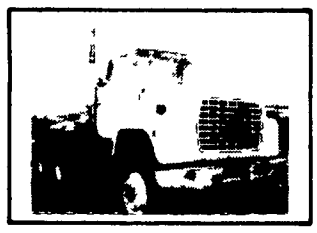
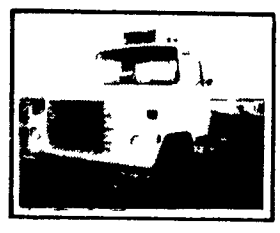


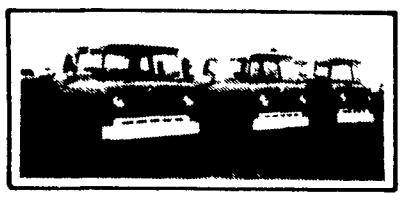
1979 MACK R767ST 175 W B Formula 350 Cummins RTO12513 Trans (13 speed) P/S 10x22 Tires Disc wheels Deluxe Interior



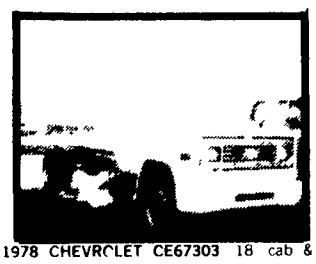
1978 Ford LNT9000 T A/D/C 150 WB Detroit 6V92TT Eng RT9509 A 9 spd trans P/S steel disc wheels 11 00x24 5 Tires A/C Reyco Susp 177 000 miles



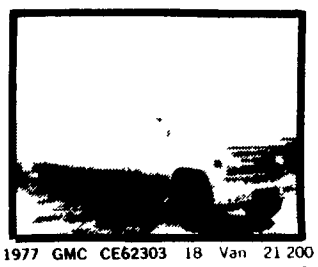
1978 Ford LN9000 S/A/D/C 150 WB 6 71 N Detroit RT910 10 spd trans P/S A/C 260 000 miles **NEW PAINT**



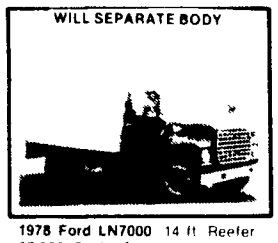
(3)**1978 Fords C7000** 24 Cab & Chassi 27 500 GVW CAT 3208 (200 H P) 5 spd Trans 2 spd rear P S Engines Overhauled



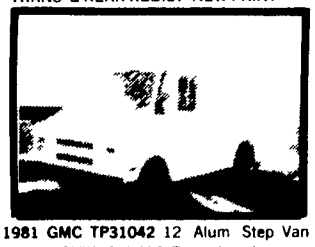
1978 CHEVROLET CE67303 18 cab & chassis 27 000 GVW 366 V/8 eng Clark 5 spd trans 2 spd rear P/S 9 00x20 tires **TRANS & REAR REBILT NEW PAINT**



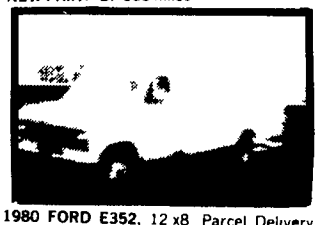
1977 GMC CE62303 18 Van 21 200 GVW 350 V/8 Eng 5 spd trans P/S Duralite 18 Body O H rear door C/S door **NEW PAINT** 87 000 miles



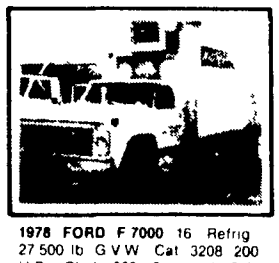
1978 Ford LN7000 14 ft Reefer 27 500 GVW Cat 3208 175 HP Clark 397 V 5 spd 2 sp rear P/S 14 ft Duralite Body 21 000 miles on rebuilt eng **New Thermo King Eng & Compressor New Paint**



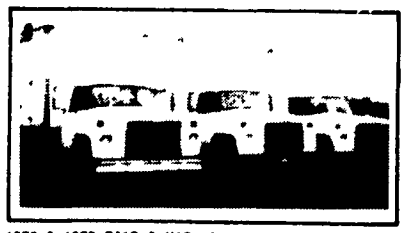
1981 GMC TP31042 12 Alum Step Van 10 000 GVW 350 V/8 Eng 4 spd trans P/S P/B Sliding Partition **NEW PAINT**



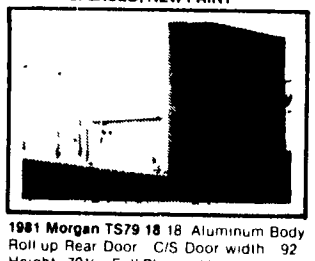
1980 FORD E352, 12 x8 Parcel Delivery Van 9 800 GVW 460 V/8 Eng Auto trans P/S P/B A/C Dual Tanks **ENGINE & TRANS REPLACED, NEW PAINT**



1978 FORD F 7000 16 Refrig 27 500 lb G V W Cat 3208 200 H P Clark 390 5 speed P/S Hackney 16 body Thermo King XMD 50 Diesel **NEW PAINT**



1978 & 1979 GMC & IHC 12 x14 Vans Some Auto Trans Available with Walk Ramps or Lift Gates Low Mileage **will paint your color**



1981 Morgan TS79 18 18 Aluminum Body Roll up Rear Door C/S Door width 92 Height 79½ Full Plywood Lining

All equipment offers no known defects and is available for inspection and road test Lifetime maintenance records are available for your review All equipment exceptionally clean & well maintained Our customers are completely satisfied with their fully reconditioned and recently inspected purchases

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Used Bee Equipment, Inverbrook Apiaries, R D #2 Box 230, West Grove, Pa 19390, 215 869 3353

Build your own pig feeders for under $10 100# capacity Easy plans, $2 00 Rt 1, Box 742, Mardela, MD 21837

Wanted Collectable milk bottles, John Tutton RT4, Bx 929 Front Royal, VA 22630

For Sale Cast Iron Radiators, Metal Lathe 18' bed Two Turning centers, Berks Co , 215 488-1440

For Sale 70 90 ton of good quality alfalfa haylage Berks 215 756 6479

For Sale Red and yellow delicious romes and york apples $6 50/bu Also cider $1 75 gal , 717 354 7209

Wanted Job on Farm, no dairy life long experience on farm equipment very good at repairs married 814 652 5471

For Sale 10x45 trailer to raise small animals, rabbits, etc Set up for approximately 250 pens Lanc Co , 717 464 2737, 717 284 4518

For Sale AKC Miniature Schnauzer puppies ready Jan 10th Lebanon Co , 717 949 2306

For Sale Top Buggy w/rubber Hyd brakes $800 00 good cond , Lanc Co , 717 354-8575, New Holland, R#1 David H Burkholder

For Sale MF Model 90 Diesel with hydraulic loader good condition ($3800) Northampton Co 215 759 2777

Wanted Hammermill screen ½" holes for JD #400 or any screen 17" wide or wider No Sun calls please 717 354 9916

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For Sale Antique Sears Riding tractor plow cultivators snow blade harrow 5hp Model Z Briggs York Co , 717 244 6389

For Sale Get started in hogs 4 bred sows, boar, 4 barrows, Yorkshire York Co , 717 927 9036 best offer

For Sale 2 Salamander Kerosene shop heaters, used one time Less than 1/2 price $35 each Lanc Co , 717-548 2559

For Sale 1969 GMC 9500 Good shape Long WB Tamdem, 671 Engine 5 and 4 spd Chester Co , 215 932 3710

Wanted Bulk milk tank 1000 gal 814 766 3449 Bedford Co

For Sale Blank, manure pit pump, for hog or chicken manure Jonas E Esh 534 Willow Rd , Lanc Pa 17601

For Sale 2 btm hydraulic plow age 2 trade for 2 way Enos K Stoltzfus RD3 Box 437, Quarryville Pa 17566

For Sale Freed six foot metal lathe $400 00 four foot concrete trowller $225 00 also McCullock chainsaw Lanc Co , 717 859 2797

For Sale - Camper for 8' bed 300 00, 2 goats $70 00 each quilts $200 00, childs organ 36 00, electric heater 10 00, 354-6501

For Sale Top buggy hyd brake fair condition, Isaac Hoover #1 Box 844 New Holland, Pa 17557

For Sale White 348 3x18 auto reset plow Plowed less than 200 acres $2200 00 phone 717 733 2808

For Sale JD #999 corn planter with or without fertilizer attachment Gideon Stoltzfus RD1 Blain, Pa Perry Co

TRUCKS & TRAILERS

MAILBOX MARKET

For Sale School House Blackboard also used stoves and knew wood and coal burners, William S Martin, RD1 Box 387 New Holland, Pa 17557

For Sale - Border Collie pups, Male and Female, Some white with black markings, parents work livestock Frederick County, Maryland (301) 834-9711

For Sale Ford 6000, Diesel, select-to-shift, new paint, 3200 or best offer Cecil Co , 301 287 5277

For Sale 10 mth old Registered Angus Bull Calf Has Northern Prospector and Sky High Blood lines Carroll Co 301 374 6423

Notice Honda and Briggs & Stratton engines or 4 A M air motors for Maytag wash machine See Household goods, S S Stoltzfus

For Sale Hydraulic Stoltzfus plow, good condition, 2 Btm 12" Benuel S King 434 S Belmont Road Ronks, Pa 17572

For Sale Hesston 1090 windrower new, 1½ yrs old, $4,000 00 4 P T Barb wire never used $21 00 a roll 717 866 4185

For Sale - 1½ yr old Registerd Polled Hereford Bull sire Enforcer 107H Penna Performance Tested $950 00, In sulated doors, offer 717 866-4185

For Sale- Peafowl, 6 cocks, 1978 hatch $50 each, also 1979 chicks, $10 and up, Westminster MD 301 876 1235

For Sale Reg Angus bulls and heifers, Orange Gate Angus Farm, Maurertown, VA 22644, 703-459 3414

Wanted 200-300 gal holding tank, meat grinder, 30 gal S S barrels, castors, S S 6 ft table, ratchet press, S S sink, 215 862 9148 10 5

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TRUCKS & TRAILERS

(50) Four Wheel Drives and Trucks. The Eagle's Nest, Rt. 850 W, Marysville, PA. 717-957-2566.

1982 Toyota Diesel pick-up, rustproofing undercoat, all season radials, sliding window, AM-FM cassette, 35,000 miles, $5400. 717-533-6770 Dauphin Co.

1979 GMC 427 gas, 4 speed Allison auto trans., 30,000 GVW, 9000 original miles with 21' opp cattle body, garage kept, excellent condition. Ask for Doug. 717-639-5100.

1981 Glick Gooseneck stock trailer, 6'-16' exc. condition. 717-665-2703 after 4 p.m.

1974 Chevy Luv pickup truck, needs engine and body work $275.00 2800 gal. 4 compartment gas truck tank, no leaks $375. Delivery available. 215-484-2695.

1977 Int. 1800 446 gas, 5 & 2 speed, power steering, 10:00x20 rubber; 1978 Int. 1750 466 Dsl., 5 &2 speed, power steering 10:00x20 rubber; 1978 Int. 1800 446 gas, 5 & 2 speed, power steering, 10:00x20 rubber; 1979 Int. 1854S 466 Dsl, 5 & 2 speed, power steering, 9:00x20 rubber. New bodies and hoists can be furnished for any of these trucks. 301-877-9889.

Raven Dump Trailer, 717-626-7596.

82' Chevy pick-up, ½ ton, 6.2 diesel, automatic OD, 4,000 miles, $7,495; 78' Dodge Pick-up D150, 43,000 miles, automatic, power steering, air, $4,695. 717-733-8985.

72 IH cabover sleeper, 670 Detroit, 10 sp., road ranger single axle, with hay trailer, $7800, 703-832-3283.

For Sale - 1975 Chev. Pickup, V8, AT, PS, PB, 8' bed, $1650. 717-865-3488.

TRUCKS & TRAILERS

NEED CASH? We buy unwanted trucks and parts, scrap aluminum of any kind. Wrecked dumps, vans, flats, tank trailers, etc. Call 717-273-7474 (day), 215-944-9871 (evenings).

1977 F-600 cattle truck, 3 yrs. old, aluminum body. New rubber 201-475-3172.

For Sale - 1965 Ford F-600, 8x13 foot diamond plate flatbed with sides, 98% rubber, V-8, 4-speed, 3,000 miles since major overhaul, road ready $2,700.00. 215-489-0622 between 7 & 10 p.m.

RTOF9513 transmission, Hendrickson suspension, 34,000 lb. Rockwell rears, 4.11 ration. Also parts for 270 Cummins. 717-425-3697.

For Sale - 1971 Int. dump truck, air brakes, V8, new rear tires, very good cond. 215-965-9719.

2% ton, 6x6 Reo Army truck, steel cab, new tires, excellent condition, cargo body, $2,500. Warren County, NJ. After 7 PM. 201-362-9521.

Trailers for sale - 45x13'6" Brown, smooth sides, slider on 20. 40x12'6" Fruehauf, 20" tires, 45x12' Wilson livestock 20" tires. 40 Gindy open top, slider on 20. 40' Brown flat, slider on 22. Hydraulic cylinder for 24' dump. Propane cargo heaters. Storage trailers for sale or rent. Keens, 717-626-5420.

1969 D 1000 Dodge truck, 250 Cummins, recent overhaul, 10 speed Road Ranger, tandem axle, air condition and PS; 717-949-3074.

1967 Ford Diesel truck with turbo 26000 GVW, green 5 + 2 spd. $3500. without box. 1977 Dodge Aspen station wagon, black 4 spd. 132,000 mi. very good condition. Phone 717-374-1958.

For Sale - New Dump Beds, all sizes, steel or aluminum, PTO flaps, lights, cab protection, paint, mounting, example steel 1-ton 10' $2500, 12' $2800. 814-623-9696.

GMC Crewcab, dually rebuilt, excellent, with 35' Kingston four horse show trailer, 5' dressing room, canopy tape deck, $12,000 or offer. Mrs. W. Gerken, Hopewell NJ, 609-466-3426.

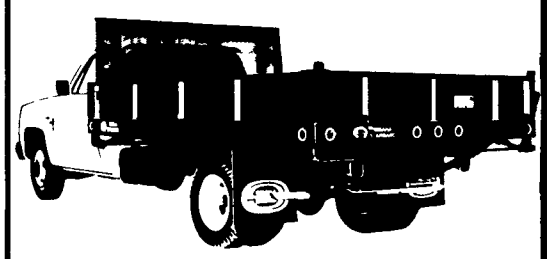
For Sale - 9' & 10' wooden livestock bodies. 20' Morgan van body. M.H. Eby, Inc. Blue Ball 717-354-4971.

1975 Ford ¾ ton pick up, with metal cattle racks, $2500, 717-626-6805.

1975 Ford F350, 4 speed, power steering, new tires, 360 V8 rebuilt engine, 9' stake body, 10,000 GVW, $2,600 Lancaster County, 717-859-3161.

Tri-Loader...

European-style Contractor Body



The European-style Tri-Loader body is an extremely versatile piece of equipment It features 14 hinged sides which fold down or remove completely for loading from either side a double-acting tailgate, hinged top and bottom for dumping and spreading operations with forward or rear controls, or both Swaged (indented) 3-light cluster in rear outrail for better light protection and appearance Heavy duty 40 or 52" steel bulkheads with full width mesh windows combine maximum protection and visibility The rugged 96 wide platform offers maximum payload and is available in wood smooth steel, treadplate steel or steel over wood flooring

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★ **1984 LN 8000, 222" Wh. Base, 35,000 GVW!**

★ **Two 1984 Models**

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Our trucks have always been built to work hard. Like a farmer, from sunup to sundown.

And they've always been built to be versatile enough to handle almost anything you throw their way—from fencing to feed.

Oh sure, our trucks have changed some over the years. Had to. As you learned to work more efficiently, we did too. We offer pickups in half-, three-quarter- and one-ton models. In your choice of long or short bed; available in two- or four-wheel drive; with gas or 6.2 liter diesel engines. Or there's a variety of rugged, medium-duty farm models to answer your needs. They're available with gas or Detroit Diesel's hardworking 8.2 liter engines.

Look in the Yellow Pages for your nearest GMC truck dealer. GMC has been in the truck business for four generations. That's a lot of years in the field. Our trucks are bred to last. They come from good stock.

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GMC's medium duty conventional and full size pickup

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For Sale - 1976 Ford Courier, 4 cyl., 4 spd., AM-FM radio, excellent condition. $1350. 717-865-3488.

For Sale - 1971 Diamond T tractor, 318, 10 spd., twin screw, wet line and PTO, new paint, $5,000 215-255-5145.

For Sale - 1976 Chevy Beauville window van 6 cyl., 3 sp., 36 inch seats. Haul for large family or small group, good condition. $1350. 717-865-3488.

Eby Bilt gooseneck trailer, 24' of floor space, like new, all aluminum, 301-833-3283.

1981 F250 Trailer special. PS, PB, AC, AM-FM Stereo, $4,200. Call Jim V.B. 717-656-2511.

For Sale - 1973 GMC 350 auto. power steering & brakes, 9 ft. Omaha stake body with 42" sides 7,000 GVW-Good Condition. No Rust $1675.00. 717-626-5033.

1978 Ford custom F150 half ton pick-up, 6 cylinder, 3 speed, PSPB, $2,950 717-733-2873

TRUCKS & TRAILERS

1982 Datsun King Cab pick-up, 4 cylinder, 5 speed, AM-FM. Excellent condition, $5,600. 717-733-2873.

1982 GMC 3500, 1 ton cab and chassis, 350 auto PBPS, dual tanks, radial tires, 17,000 miles, $7,900. 717-733-2873..

'83 Chevy Scottsdale C10 4 WD pick-up, 305 4 speed overdrive PSPB, rally wheels, 11,000 miles. A-1 shape, $9,000. 717-733-2873.

16' Morgan bed w/42" stake sides, 1,600 lb. Waltco 1' gate, $1500 or best offer. 215-562-8415.

1979 Chevy 1 ton rollback, 14' Schwartz, 30,000 original miles, 1 owner, mint condition $10,000/offer. 301-833-9091.

1974 IH CAB OVER 4070A, 13 SPEED TRANSMISSION, 318 DETROIT DIESEL, PS, SLIDING 5th WHEEL, GOOD RADIAL TIRES

215-286-9510

WEST POINT TRAILERS

West Point, Pa.

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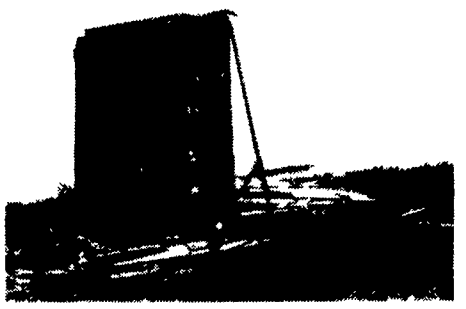
(20) Storage & Roadable Reefers Roll up rear doors and Swing doors - some side doors - Electric & Diesel Refrigeration Units $3500.00 and up



1970 Great Dane Flat Bed Trailer - 40' long, Tandem Axle, 10x20 Tires, 8' High Head board. Only $1700.00

(4) Stainless Steel Insulated Storage Tanks, Great for Fertilizers, Heat Tubes, One and Two Compartments, A Steal at $1200.00 each

1964 Alum. Dump Trailer, 24' Long, 60" Sides, Dual Pistons, Tandem Axle, Coal Chute, Good Floor. Don't Pass This One Up At Only $2800.00

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Ask for Paul!

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If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds. 717-394-3047 or 717-626-1164.

96 Acre Dairy Farm, Oxford area, good house, bank barn, equipment shed, $250,000. Hayes Oxford 215-932-3092 - evenings call Jack 717-354-9534.

2 Farms consisting of 120 acres of very fertile land, 2 sets of buildings for sale by the owner, John Strawbridge, 301-996-2022.

Farmette, 12.66 shares, for sale by owner. 717-259-9983.

Log cabin located in the mountains of Central Pennsylvania, excellent hunting and fishing available, located 3 miles northwest of Belleville, off Rt. 305 near Greenwood State Park. Two parcels of land included. One tract being of the dimensions of 75' x 101'. The other being 300' x 124'. Water available on property. Bids being accepted immediately. Mail bids and inquiry to Archie D. Stuck, 127 E. Main St., Belleville, PA 17004. Bids must be postmarked no later than Aug. 8, 1983. The owner reserves the right to reject any or all bids.

FRANKLIN COUNTY - dairy and general farms, Kuhns Real Estate, Inc., 717-597-8300. Roger Wildeson R.E.S., 717-263-5702.

Farm for rent - 40 acres, modern house, barn and work houses, Lancaster Co., 6 miles from Ephrata, 215-562-4820.

Farm for sale by owner - 140 tillable acres, 40 acres wooded, good flat Klinesville soil, lots of frontage on hard road, Columbia Co., write to Lancaster Farming, PO Box 366-D94, Lititz, PA 17543.

St. Petersburg Florida house for winter season or by year. Completely furnished 2 bedroom, w/w carpeting, central heat, fruit trees. 215-754-7316.

100 acre Southern NY farm, refurbished house, w/w carpeting, electric heat, wood stove, bank barn, machine shed, out buildings. Picture postcard setting. Valley inside a mountain. $69,000. 215-754-7316

199 acre farm on Marion Road. Old stone house remodeled, large bank barn, Lancaster silo and other outbuildings, Robert F. Crider, 717-264-8258.

Farm for rent - 70 A northern Lancaster Co., $625 per month. Call 717-733-3980.

98 acres of level land, large bank barn, 2 houses, $120,000. 717-392-1177.

Want to rent: With a possible option to buy 50+ or - acre general farm, Carlisle, PA area. 814-698-2400.

For Sale - 188 acre hog or beef farm, some of the best level land in NY state, 40,000' tile, 5 miles from Geneva, Central Finger Lakes, new class 4 house new 54x72 Morton Building, new 20x40 hi-moisture silo, dryer, 30,000 bushel grain storage, 2 set buildings, trailer, trailer site, one barn 166x36 basement, there's more, $650,000-terms. 315-585-6394.

Wanted - Small slaughter house for dogfood company. Contact Wayne Taylor at 215-692-6476.

NEW YORK STATE Yates County. Attention Horse Lovers! Do you need an in door lighted arena, 60x120, with ¼ acre pond, 12.9 acres, paddocks and corrals, a 3 bedroom home? We have it The horse barn is equipped with 12 oak stalls and a wash stall. Plenty of good fresh water Raise thoroughbreds, hunters, quarter horses More land available. Call on 100A Century 21 Four Seasons, Penn Yan, 315-536-7456

REAL ESTATE

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For Sale - 114 acre dairy farm in Nittany Valley. Ready to go. Room for expansion. Buildings in very good condition, Write to Lancaster Farming, P.O. Box 366-D-99, Lititz, PA 17543

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For Sale - 27 acres tillable farm land, Lycoming Co., 717-584-2092 after 4 pm.

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REAL ESTATE

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83 ACRE FARMETTE IN MORRIS TOWNSHIP

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Lancaster Co.

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Lebanon County

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GENERAL FARM - 131 acres (106 productive tillable, 25 woodland, pasture), near Williamsburg Solid 2 story frame house and bank barn ideally suited for livestock Buildings are centrally located on land $142,500

CENTRE COUNTY

GENERAL FARM - 150 acres (147 tillable) Suitable for livestock or grain farming Sound 2-story house, bank, barn, good road frontage, nice lane, highly productive limestone soil Pleasant Gap area $238,500

DAIRY FARM, 136 acres, (113 tillable, balance pasture,) sound 2 story dwelling, excellent dairy facilities, including modern 1 story dairy barn w/52 tie stalls and attached free stall heifer barn w/40 stalls, 3 concrete stave silos w/unloaders and 2 story bank barn in addition Pond $269,000

GENERAL FARM - 105 Acres (92 highly productive tillable 15 pasture and) Very good house, barn, garage, stream Nittany Valley near Hublersburg $169,500 Also available as 93 acres (92 tillable) without buildings $117,500 Owner Financing

GENERAL FARM - 215 acres in Curtin Township near Romola, adjacent to Sproul State Forest Picturesque with tillable and wooded acreage, 2 story house, 2 car garage, very good condition Stream provides water for house and pond Ideal for recreation $150,000 Owner Financing

CLEARFIELD COUNTY

GENERAL FARM 111 acres (65 tillable, balance pasture and woodland) Barn house, outbuildings and farm pond Includes surface rights for coal stripping Near Glen Richey $225,000 Also available as 15-20 acre farmette $69,500

CLINTON COUNTY

GENERAL FARM 65 acres (57 highly productive tillable bottom ground 13 pasture) 2 story house in fair condition Frontage on Susquehanna River Owner Financing $91,500

LIMITED ACREAGE HOG AND DAIRY FARM 14 acres with a 2 story dwelling, bank dairy barn with 37 tie stalls, gutter cleaner and bulk tank, 14' x 50' silo with unloader, 400 head capacity Nebraska style hog finishing building, 3 bay garage/workshop $115,000 36 acres of tillable Hagerstown soil available at $500/acre Owner Financing 9% interest 28 years no call provision

COLUMBIA COUNTY

HOG AND BEEF FARM - 233 acres (130 productive tillable, 19 pasture, 79 woodland) Excellent house good barn adapted for farrowing and finishing hogs outbuildings nice setting $275 000 10% Owner Financing

HUNTINGDON COUNTY

DAIRY FARM - 155 acres, (114 highly productive tillable 14 pasture 24 woodland), sound 2 story frame dwelling 1 story ranch home 2 story bank barn w/att milkhouse w/22 stanchion milking area 70'x100' loose housing barn 3 concrete stave silos outbuildings and good water supply Near Warriors Mark $335 000

LIVESTOCK FARM - 419 acres (approx 220 tillable 140 pasture 59 woodland) Buildings include a brick home, 2 barns, garage, 2 silos, 2 large euipment sheds 3 ponds are situated near the buildings $345,000 Owner Financing

DAIRY FARM - 80 acres (65 tillable, 13 pasture), pond, 2 story frame house bank barn with 38 tie stalls, milk house with 600 gallon tank, 16' x 50' silo with unloader, 60' feed bunk with bunk feeder Near Shirleysburg Owner financing $110,000

DAIRY OR GENERAL FARM - 129 acres (70 tillable, 52 pasture, 7 woodland and site) Sound 2 story aluminum-sided house, bank barn with 43 tie stalls and new gutter cleaner, milk house, 14' x 60' Lancaster silo, new 40' x 60' implement shed, pond and swimming pool Near Petersburg $169 000

GENERAL FARM 218 acres, (80 clear land, balance wooded) Petersburg, refinished 2½ story house, 2 story bank barn, garage and outbuildings Several springs Ideal for hunting or part time farming Reduced to $129 500

LYCOMING COUNTY

LIVESTOCK OR DAIRY FARM - Near Lairdsville 270 acres (165 level, very highly productive tillable) Good 2 story house, bank barn, 60 x 120' cattle barn, suitable for freestalls, 20 x 60' Harvestore, 2 streams Owner financing $325,000

RIVER BOTTOM FARM - 150 acres (118 acres tillable), good house, barn, silo, grain storage Susquehanna River frontage, very productive, well maintained farm 10% Owner Financing Adjoins farm listed below $325,000

RIVER BOTTOM FARM - 123 acres (100 acres tillable) excellent stone and frame house, workshop/implement shed, large bank barn, grain storage, silo Susquehanna River frontage, very productive and well maintained farm 10% Owner Financing Adjoins farm listed above $325,000

MIFFLIN COUNTY

DAIRY FARM - 53 acres (41 highly productive tillable) Near Belleville Very good vinyl-sided house, bank barn, double 3 milking parlor, free stall barn with 78 free stalls, 3 silos, 80' bunk feeder, large implement shed, stream and beautiful setting $249,500

DAIRY FARM - 90 acres, (75 tillable, 9 pasture, 6 woodland) 2- story frame and stone house, bank barn with 18 tie stalls, milk house, 14x60' silo, small stream Near McVeytown Good road frontage $148,500

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F2-3-500 R D #1 Paxinos Beef or General farm Total 116 acres with minimum 100 acres tillable Soils in top condition and good producers All buildings have been completely renovated or have been erected since 1979 2 story/2 family, brick farm house also completely remodeled, excellent quality and tastefully decorated Attractive setting with good access Call for additional information

F2-3-501 R D #3, Sunbury Beef or general farm, 63 acres approx 50/55 acres tillable with remaining in fenced pasture Bank barn and other buildings in excellent condition Super 'B" grain dryer with 2500 Bu wet/900 Bu dry holding bins Dump pit, grain elevator, 90' leg w/cleaner Total 63,000 Bu storage capacity Additional information available

L2-508 Shamokin Township farm 85 acres total 40/45 tillable & pasture with remaining woodland 8 to 10 acre tract never timbered 7 room, 4 Br house open for your decorating ideas Bank barn and equipment shed in fair condition 7½ miles from Sunbury, priced at $95,000

L1-525 R D #2, North'd 139 acres with approx half tillable, 400' frontage on hard surface road Possibility of return on investment with sale of attractive building sites Owner will consider assisting in financing Priced under $850 per acre

COLUMBIA COUNTY

L2-3-504 118 acres 70 acres tillable and 48 acres woodland Excellent access within 5 miles to Interstate 80 on Route #44 at Buckhorn exit Property divided by township road and owner would consider separate sales Priced at below present area sales per acre

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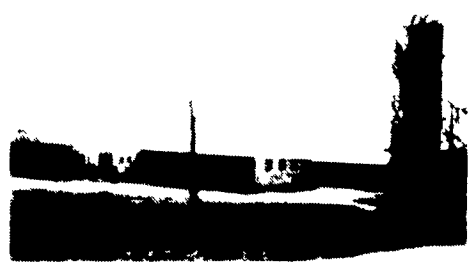

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In remembrance of Amos G. Brandt, Jr., Campbelltown, who was an exhibitor at the Farm Show, even back in 1922. He enjoyed the Farm Show and was known for telling stories. So we reproduced a letter we found of his so we could share it with you.

"NOT RAISING HOGS"

My friend Jacob over in Sussex County received a $1,000 check from the government this year for not raising hogs. So I am going into the not-raising-hogs-business next year. What I want to know is, in your opinion, what is the best kind of farm not to raise hogs on, and the best kind of hogs not to raise? I would prefer not to raise razorbacks, but, if that is not a good breed not to raise, I will just as gladly not raise any Berkshires or Durocs.

The hardest work in this business is going to be in keeping an inventory of how many hogs I haven't raised. My friend Jacob is very joyful about the future of his business. He has been raising hogs for more than 20 years and the best he ever made was $400 until this year, when he got $1,000 for not raising hogs. If I can get $1,000 for not raising 50 hogs then I will get $2,000 for not raising 100 hogs.

I plan to operate on a small scale at firs, holding myself down to about 4,000 hogs, which means I will have $80,000. Now another thing: These hogs I will not raise will not eat 100,000 bushels of corn. I understand you also pay farmers for not raising corn. So will you pay me anything for not raising 100,000 bushels of corn not to feed the hogs I am not raising? I want to get started as soon as possible as this seems to be a good time of the year for not raising hogs.

P.S. Can I raise 2 or 3 hogs on the side while I am in the no-raising-hog-business-- just enough to get a few sides of bacon to eat?

To my knowledge there is no agency which will pay me for "not selling farms" or any other service that I may "not" perform. My only recourse is to keep trying so I can pay my taxes so the government can pay to not raise hogs.

Sincerely yours,
Rich Brandt
RICH BRANDT

P.P.S. Reproductions can be gotten at our outside office display Booth 41-42-43-44.

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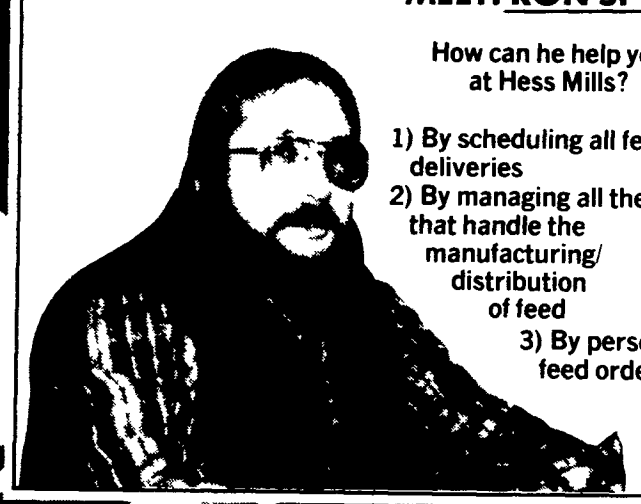

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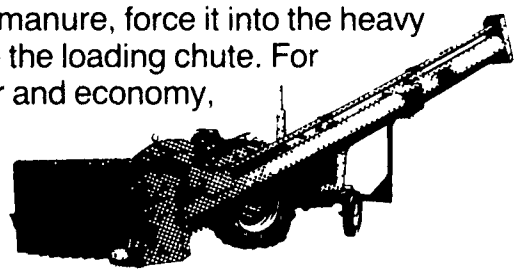

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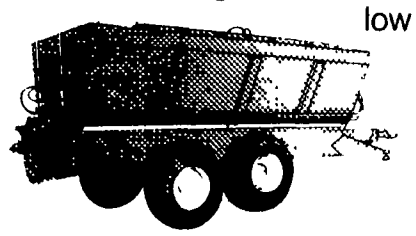

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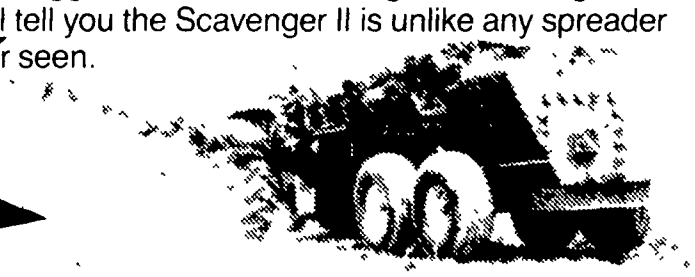

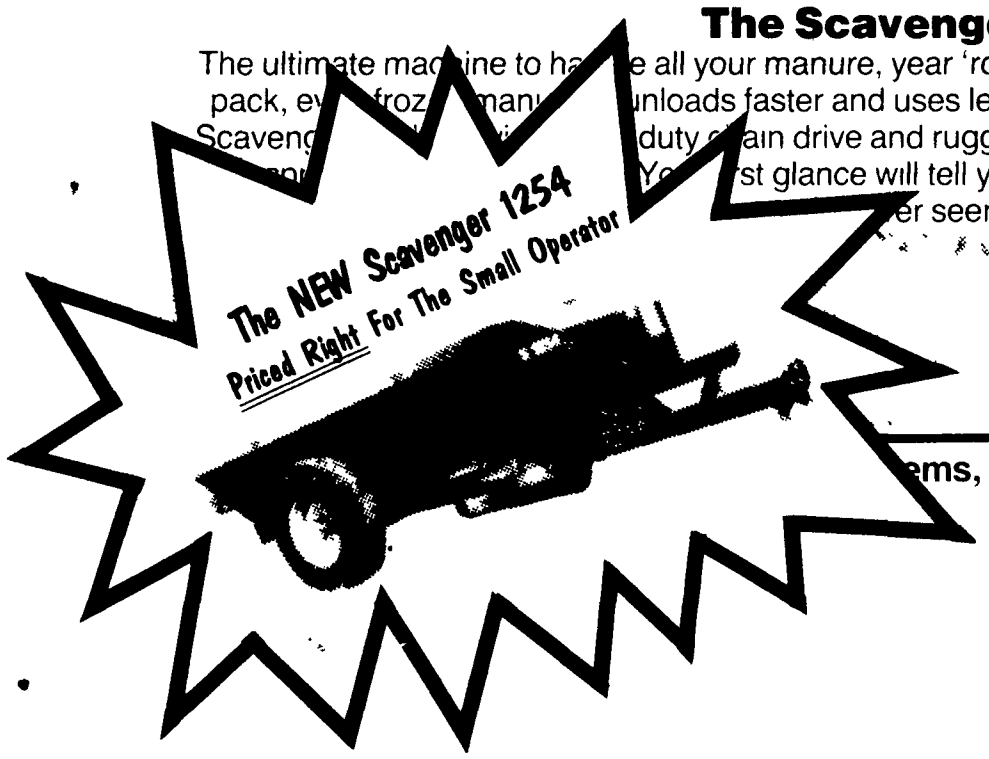

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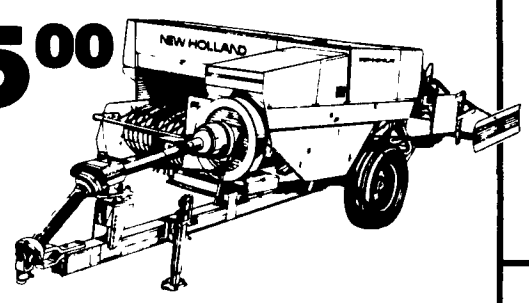

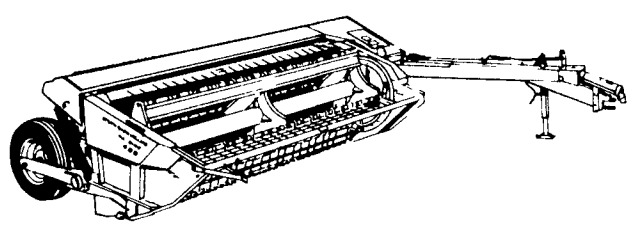

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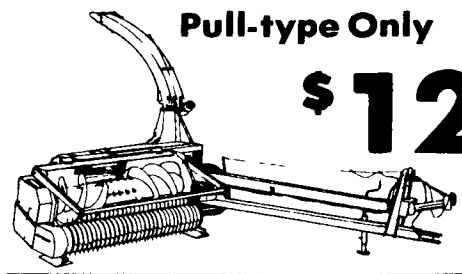

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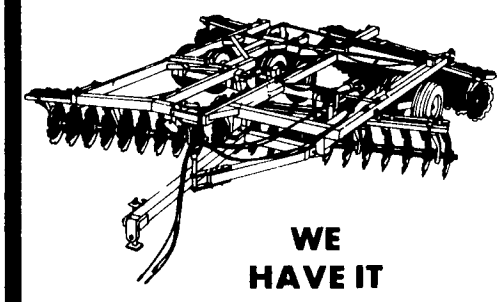

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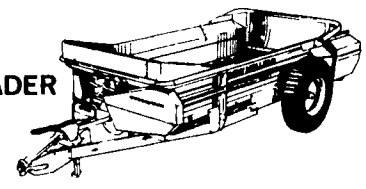

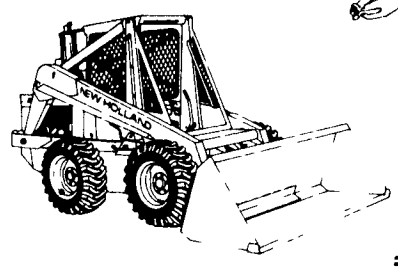

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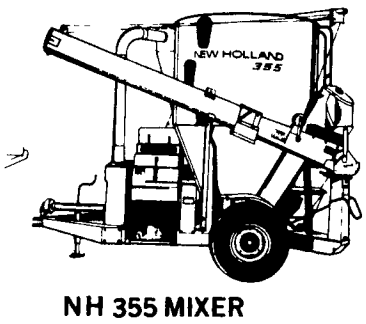

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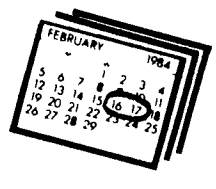

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Farm managers favor soil conservation

WASHINGTON, D.C. — Many absentee farm owners once looked with skeptical eyes at the idea of spending money to save soil and water. Today, more and more of them are changing their minds after listening to advice from professional farm managers.

Why?

"One important reason," said Peter C. Myers, chief of the U.S. Department of Agriculture's Soil Conservation Service, "is that more cost-effective conservation practices are available than in the past – practices like conservation tillage.

"It makes good economic sense for a professional manager to recommend soil conservation to the absentee owner today."

There are more than 3,400 farm managers in the United States, according to **Agri Finance** magazine. They work for more than 1,000 farm management organizations, of which two-thirds are banks. The American Society of Farm Managers and Rural Appraisers reports its members manage 14 percent of the nation's corn and soybean production.

"You'll usually find that conservation measures increase the value of the land," says Jesse M. Dowell, immediate past president of the society and second vice president of the Continental Illinois National Bank and Trust Co. of Chicago.

"Managers want to enhance the asset of a customer, not just maintain it."

Myers said conservation district officials recently expressed concern that absentee ownership is a liability to conservation efforts. In a recent survey by the private Conservation Tillage Information Center, 60 percent of the 700 conservation districts contacted said they believed absentee owners practice less conservation than those who farm their own land.

"We don't know whether this is true today or not," says Myers. "We know that the farm managers we've talked to are strong supporters of soil and water conservation. They say they work hard to sell absentee owners on installing modern conservation practices."

USDA field people typically deal with the farm managers or tenants, not the absentee owners. In Champaign County, Ill., where more than half the farmland is in absentee ownership, local Soil Conservation Service district conservationist Ronald L. Lowery reports good results.

"One farm manager may take care of 20 to 60 farms," he said. "By working with just one person, we can get a lot of conservation on the land. It has a snowball effect."

Lowery agrees that farm managers like conservation tillage for economic reasons. It leaves residue on the fields, reducing erosion and saving field time and fuel.

Installation of more costly conservation practices, however, such as terraces, waterways and erosion control and grade stabilization structures, also is growing on managed farms, Lowery says. Farm managers, like owner-operators, are concerned about erosion because of its effect on productivity.

"We want to keep the soil where

(Turn to Page C3)

Farm managers

(Continued from Page C2)

it belongs because the topsoil is really the heart of the farm operation," said Weston W. Furrer, president of Farmers National Co. in Omaha, Neb. The farm management firm has more than 60 farm managers working in nine states for several thousand clients.

"Most owners are receptive to applying conservation when we point out areas on their land that are badly eroded," Furrer said.

"We explain that when conservation practices like terraces are built there may be a decrease in production for the first year or two. Over the long term, though, the land will be more productive. The improvements we make will protect the land and help pay for the cost of the work."

One key to being a good farm manager is having a good tenant, Furrer said. "The tenant is the one doing the work."

Most tenants are receptive to farming with conservation. "They would rather farm on the contour than fight gullies," said Furrer.

"Occasionally, we've had tenants fight installing conservation practices. In those cases, we make a tenant change. By the same token, if we have a good tenant who cooperates well on conservation measures, we tend to favor that tenant when we get another farm in the area," Furrer said.

In Denver, Colo., farm manager David E. Peterson talks of the long-term damage caused by lack

(Turn to Page C4)

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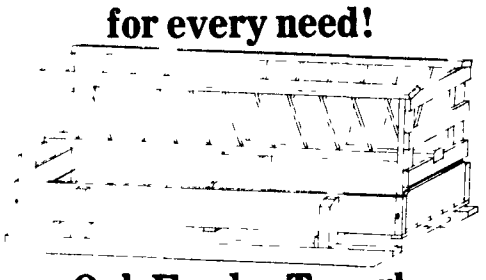

Oak Feeder Trough
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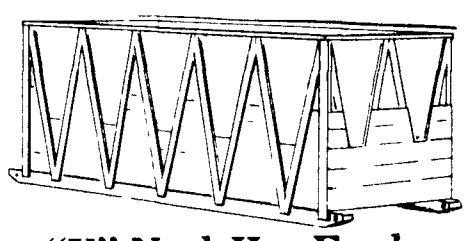
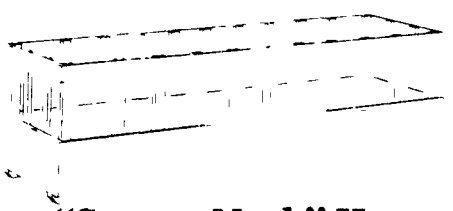
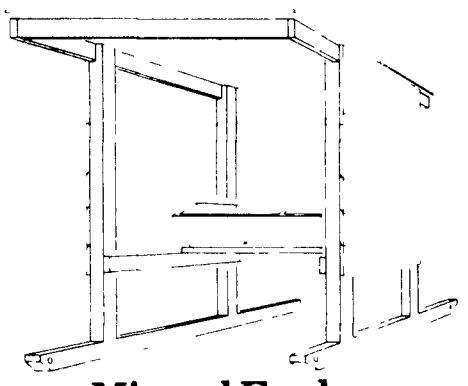


"V"-Neck Hay Feeder
Availble 10' to 20' long All treated lumber



"Square-Neck" Hay Feeder
10' to 20' lengths. Treated yellow pine On skids



Mineral Feeder
All treated lumber. Has galvanized roof

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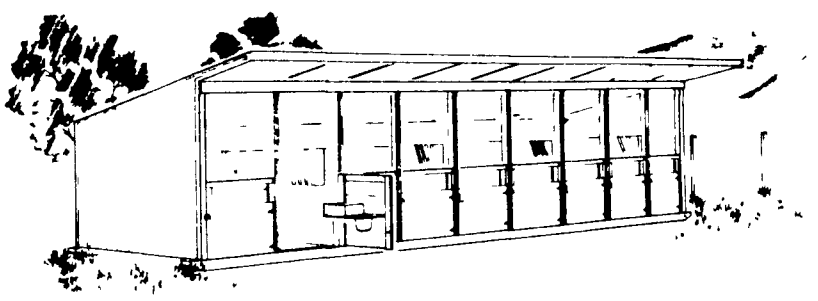

Calf Condo
with summer/winter ventilation panels.

Regulate the air flow and keep calves healthier. Fully assembled, on treated skids. 3'x8' stalls have easy access feeders. Rough sawn exterior plywood, galvanized roofing, spouting and paint included.

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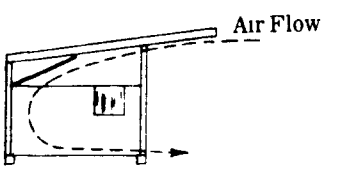
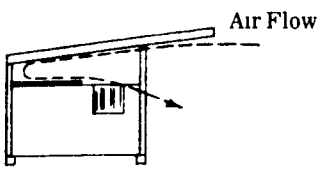
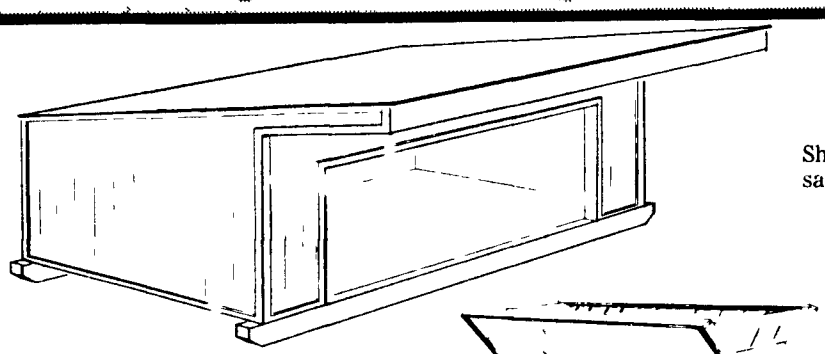


Raised (Warm Weather) Position



Lowered (Cold Weather) Position

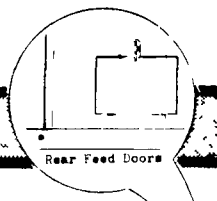
For prices and ordering call Dave at (717) 483-6386.



Sheep Shelters
and Sheep Feeders

Shelter is constructed of exterior rough sawn siding on treated skids, with paint and galv. steel roofing included

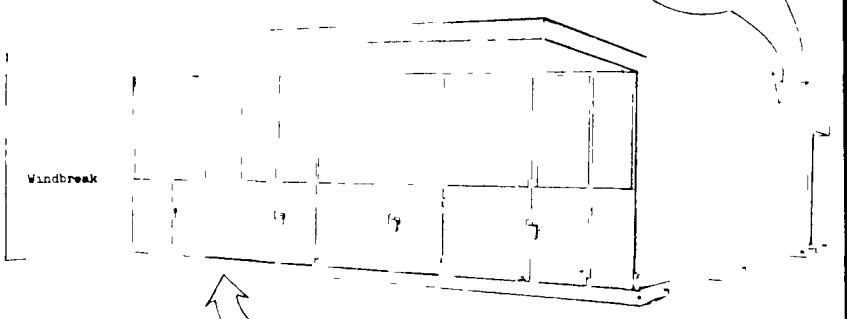
Feeder is constructed entirely of treated yellow pine lumber

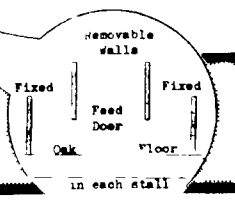


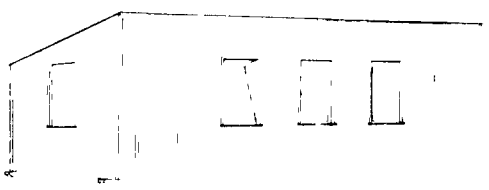
Other agricultural products are also available at 1983 prices.

Farrowing House

Features 4 large stalls with removable partitions. Treated skids, 1 3/8" oak floor, rear-opening feed doors

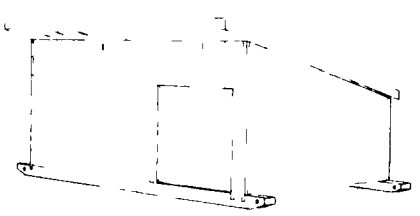






Portable Shelter

8'x16' on ground, 6' high Rough sawn exterior plywood over 2x4 braced frame.

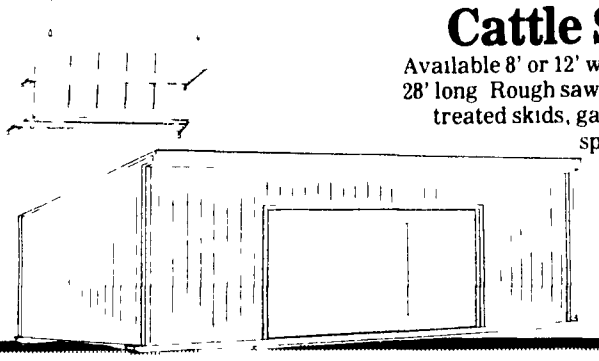


Poultry House
and Laying Nests

12'x28' building on treated skids Has galv steel roofing.
Laying nests are optional

Cattle Shelter

Available 8' or 12' wide 14', 16', 20', 24', 28' long Rough sawn exterior plywood, treated skids, galv. steel roofing, spouting, painted



We're holding 1983 prices for all buildings ordered this year. If you [illegible]

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Farm managers

(Continued from Page C3)

of soil and water conservation. Peterson is the new president of the American Society of Farm Managers and Rural Appraisers. "I remember a ranch I once managed in Wyoming," he says. "It has been overgrazed before I took it over. I worked with that ranch for 6 years and we still hadn't gotten the native grass back to where it should be."

As a board member and former president of the Jefferson Soil Conservation District, Peterson knows a lot about soil and water conservation – and consults with local conservation districts wherever he manages farms.

In Missouri, farm manager Joe Harris II says he looks on soil conservation favorably not only from a sound economic and investment standpoint, but also because "it makes good sense. If the soil is eroded, it hurts the client, it hurts us."

Harris works for Doane Farm Management Co., whose vice president, Joel A. McNeill, calls himself a conservationist.

To McNeill, the whole mood of the country has changed since the seventies.

"People today are talking about soil and water conservation and they're concerned about it," McNeill said. "I think the private sector has a responsiblity to take the initiative to manage resources intelligently."

Nationally, USDA's Soil Conservation Service gives technical help to land users in combating erosion and water problems through some 3,000 local soil and water conservation districts. Participation in conservation programs is voluntary.

"It's encouraging," said Myers, "to see so many farm managers speak out strongly for conservation. In this coming year, we plan to step up our efforts to work them. Many local conservation districts and soil conservationists already are making extra efforts to reach this important segment of the farm community.

"We're also working to develop more cost-effective ways to do conservation. The more we can do in that area, the more we can protect our soil and water resources."

FARM EQUIPMENT

For Sale - IH 475 19' wi transport disc, $2900 Athens 131 11' heavy du ty transport disc, $1400 Ford 140 toggle trip 18" bottom fully mounted high clearance plo $950. 6000 gallon tank trailer, new caps, roa worthy with a little work $1800 or $800 witho tires and wheels 717-837-0724 Snyde County.

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Stainless steel for rugged field conditions. All power sources to the feed manger are safe 24 volt AC. Features a cone shaped feed bowl that fits the contours of the cow's muzzle — therefore allowing no spaces for feed to buildup and spoil.

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Feed rate @ maximum of 12 oz./min. keeps cows content while feeding - No over feeding and wasting feed.

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Each responder transmits a unique digital code to the interrogator unit. It offers positive cow identification. The responder is built to operate under severe farm conditions, -20 degrees Fahrenheit, and high moisture conditions. The unit is completely sealed.

Serial Port to tie into home computer for more than feed capability - communication is two-way, allowing up-date to each system

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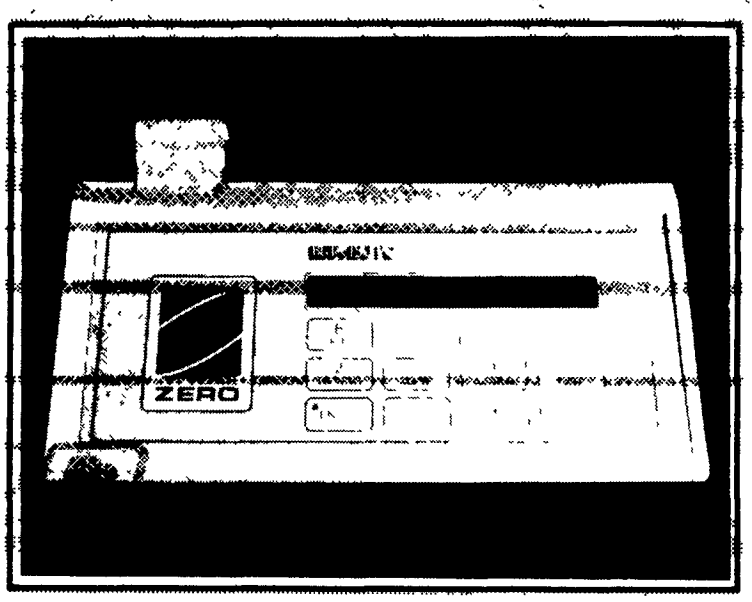
- Large, multi-function keys are easy to use and read. Each key makes an audible sound when depressed.
- Cow number is assigned to a tag number allowing manager to use numbers which are familiar to him.



- Self-diagnostic program for interrogators and CCU for easy service analysis - shortens down time.
- Exception list prints out every 24 hrs. alerting manager of cows not meeting expected feed consumption
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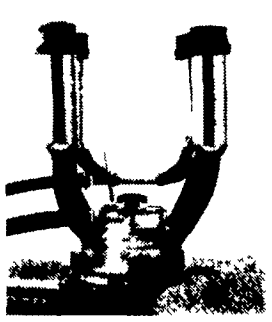

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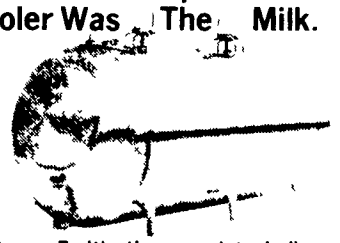

Zero's Super Z It's the complete bulk milk tank At least a great improvement on any you've seen before, certainly a revolution in design, and perhaps even the ultimate

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For Sale - Franklin County, PA - 1972 JD 4620 with 18.4x38 duals, side console, no cab; 1982 Glenco SS 9 soil saver; JD F350 6x16 auto reset plow, furrow hitch, 400 gal. Kuker saddle tank sprayer with disc kit for liquid fertilizer, complete 1 year old. 717-273-1872, prefer evenings.

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For Sale - NH 975 combine with 4 row corn head, 11' grain head, $3500, 717-235-2786, after 5:30 pm.

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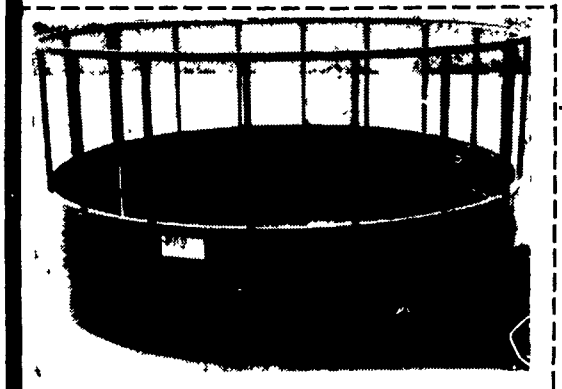

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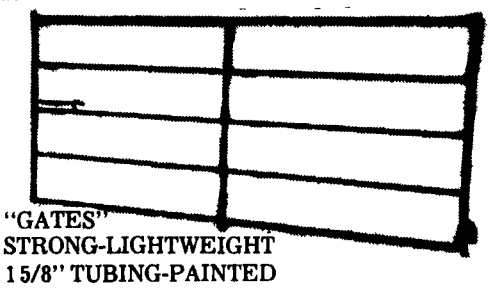

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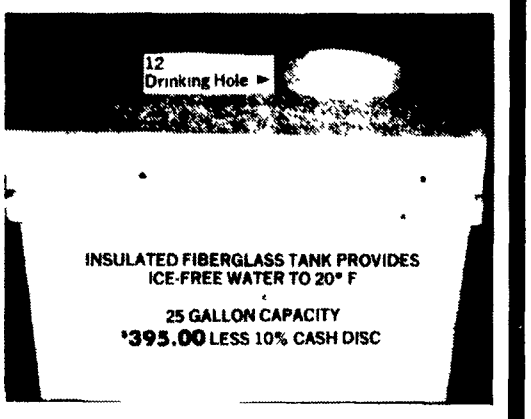

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DX 120 Deutz tractor, 111 h p, w/4 post safety frame
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JD 4320 wide front, 18.4-38 tires, dual remotes. 814-793-4293.

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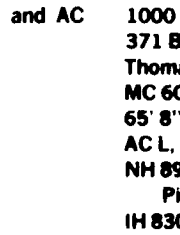

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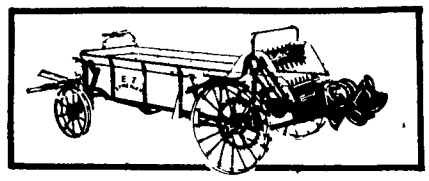

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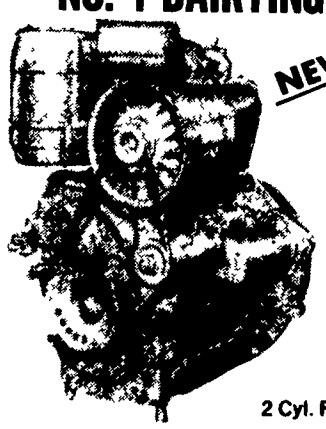

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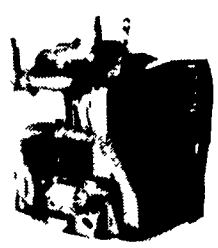

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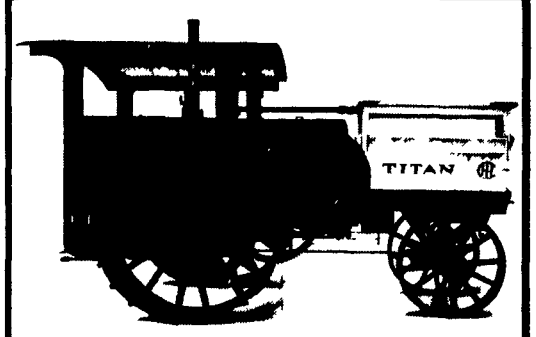

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JD 4020 diesel, power shift, dual hydraulics, engine rebuilt. 717-532-7054.

For Sale - John Deere 680 manure spreader, good condition. 717-438-3205 Perry Co.

255 MF diesel tractor, low hours, very good condition. 717-837-3483.

For Sale - International 574 54 H.P. 1300 hrs. $8700. or Int. 464 42 HP 670 hrs. $6700 or make offer. Lebanon County. 717-865-5930.

Mechanic's Special - JD 4020 diesel, needs some work. 717-532-7054.

For Sale - Oliver 1850 diesel, wide front, 3 pt., 18.4x34 tires with Oliver front end loader; 200 gal. field sprayer; Rhino 3 pt. post hole digger. 717-933-8134.

Ford Tractors Equipment

SPERRY NEW HOLLAND

TRACTORS
Ford TW10, 1200 hrs. no cab
Ford TW10, Cab, Air, 500 hrs.
Ford TW20, 500 hrs.
Ford 8000
Ford 8000 w/Cab
Ford 1500 w/Ag-Tech Loader, 306 hrs
Ford 8N
Ford 600
Ford 5000 w/602 Picker
Ford 555 Tractor Loader, 300 hr. cab with counter weights
(2) Ford 555 Tractor/ Loader/ Backhoe, 800 hrs. 14' hoe, 170 hrs. 18' hoe, both with cabs
Ford 750 Tractor,/ Loader,/Backhoe, cab
Ford 3400 Tractor/ Loader 3 pt. hitch, PTO
Ford 4400 Tractor/ Loader 3 pt. hitch, PTO
IH TD8 Series E Dozer, hyd. tilt and hyd. angle.
Ford 535 Tractor/Loader/Backhoe
Ford 4500 Backhoe Loader
Case DC
AC WD w/mid mount mower
AC D17
900 SOS Diesel
900 SOS Gas
OMC Skid Loader

(7) Ford 1000 Series Left Over Diesel Tractors

EQUIPMENT
IH 315 Combine 3 R Narrow Head & 11' Grain Head
IH 830 Fg. harvester, Corn & Hay Heads
JD 20' Harrow on wheels
IH #14 Rake
NH #258 Rake
NI & Farmhand Wheel Rakes
NI #270 Cut/ditioner
Bearcat #72 Flail Chopper
IH #27 Baler w/#10 Thrower
NH 1010 Bale Wagon
Lanco 14' Fg. Wagon 3 btr. Running gear & box.
Ford 9 tooth Soil Saver
NH 518 sgl. btr spreader
Lawn & Garden Tractors w/Mowers & Snow Blowers

CHARLES S. SNYDER INC.
RD3 Tamaqua, PA 18252
Phone: 717-386-5945

FARM EQUIPMENT | FARM EQUIPMENT

MF Massey Ferguson

TRACTORS & EQUIPMENT

Ford 4000 Tractor
Ford 4000 Turf Tractor
Ford 3500 Tractor & Loader
Ford 641 Tractor w/Loader
MF 150 Tractor
AC D17 Dsl. Tractor
IH Tractor & Loader w/Forklift Attch.
MF 760 Combine w/Attchs.
IH #46 Baler
IH 440 Baler
NH 315 Baler
NH 269 Baler w/thrower
NH 510 Manure Spreader
NI 213 Manure Spreader
Hesston PT10 Mower Cond
JD Grain Drill

NEW M.F. EQUIPMENT

MF 285 Tractor
MF 245 Tractor
MF 1010 Tractor
MF 20 Turf Tractor
MF 236 Loader
MF 236 Loader to fit MF 184-4 Tractor
MF #43 2B Plow
MF 820 Disc Harrow
MF 520 disc harrow
(2) MF 320 Disc Harrows
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 18 Scarifier Scraper Blade
MF 124 Baler w/Thrower
MF 218 3 pt. Rotary Cutter
MF 222 Scraper Blades

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Ford Tractor & Equipment | AVCO NEW IDEA | WHITE FARM EQUIPMENT

SPECIAL
New NI 323 Picker
New NI Manure Spreaders

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Oliver 1850 Tractor
MM U302 Tractor
Farmall 400 Tractor
White 5100 4R Planter (Excellent)
JD 1250 6R Planter
White 264 12' 2 disc harrow (new)
MM 4B Semi Mtd Plow
White 508 4x18 SAR Plow
Ford #101 3 x 14 Plow (Excell)
Noble 25' Field Cultivator
Hesston 1014 Windrower
MM 3496 Combine, Cab, 2R Head, 12' Grain Head
White 8600 Combine, dsl hydro, air
NI 709 Uni 4WD w/838 husk unit
JD 24T Baler w/thrower
MF 120 Baler w/thrower
1068 Haybuster no-till drill (demo)
AC 6 Row 30" Corn Head, like new
Fox 728 2R Corn Head
Better Bilt 1100 Gal Liquid Spreader
Ford 10 h p Garden Tractor w/42" mower
Ford 7 h p Garden Tractor w/34" mower

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New JD 2600 5-Bottom
Spring Reset Plow
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JD 650 MFWD
JD 750 MFWD
JD 2350
JD 2640
JD 2750
JD 2950
JD 2950 MFWD
JD 2950 MFWD & Cab
JD 4050 RG, PS
JD 4250 Cab, PS

NEW EQUIPMENT

JD 7000 Cons. Planter 4 Row Dry Fert
JD 7000 Cons. Planter 4 Row Liquid
JD 712 Mulch Tiller, 11 ft. 3 in.
JD 1610 Chisel Plow, 8 or 10 ft.
JD 950 Roller Harrow, 12 ft.
JD 1250, 3-16" Plow
JD 1250, 4-18" Plow
JD 415 Rotary Hoe
JD 1209 Mower-Cond., 9 ft.
JD 1326 Mower-Cond.
JD 327 Baler w/30 Ejector
JD 430 Round Baler
JD 567 Wheel Rake
JD 450 Hydra-Push Spreader
JD 240 Loader w/73" Bucket
JD 66 Forage Blower
JD 716A Forage Box
JD 506 Rotary Cutter, 5A.
JD 709 Rotary Cutter, 7 ft.
JD 5½ & 7 ft. Hay Pick-up

USED EQUIPMENT

JD 1520 Gas Tractor w/145 Loader w/Roll Guard & Canopy
JD 307 Rotary Cutter
JD 3 14" Plow
JD 246 Corn Planter, 2 Row
FB-A Grain Drill, 13x7
JD #18 Corn Picker 3 Pt. Sprayer
IH Cub Lo-Boy w/5 ft. Woods Belly Mower
JD 850 Tractor w/Turf Tires, 112 hrs.
JD 60 Skid Steer Loader, like new
JD 70 Skid Steer Loader
Case 1537 Skid Steer Loader
JD 216 Forage Box w/1065 Wagon
Badger Forage Box w/3rd Beater & Roof
Hesston 1090 Haybine, 9 ft. 3 in.
JD 480 Mower-Conditioner
JD 640 Rake, 8½ ft., 5 Bar, Sharp
JD 40 Spreader w/Rear Pan
JD 54 Spreader w/Hyd. Endgate
JD 7000 4 Row Planter w/Coulters, Dry Fert.
JD 694A 6 Row Planter w/Hyd. Markers
Case 5 Bottom Plow
JD 65 Rear Blade, 7 ft. like new
Speeco Post Hole Digger
Star Post Hole Digger
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JD 2 Row Wide Corn Head

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1981 White 8700 Combine 400 hrs. air heat 15' flex head 4 row wide corn head straw chopper monitors $52,000. 609-397-3778.

For Sale Super A with cultivators and side dresser $2500.00 also International 140 with cultivators and snowplow $4000.00. 717-677-6760.

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Large Selection USED (2) NI 214's, 213 Flail w/gate, 212, NH 670 w/gate, (2) NH 518's, 512, NH 362 Barrel Spreader, 202 Ground drive, IHC 530, JD Barrel Hyd. Slide Top, Starline 830 Roto Spreader Hyd Top, Hawk Bilt 157 Barrel, Clay Vacuum Liquid Manure Spreader. Plus wide selection of NEW Spreaders - over 60 Units -see Hedlund Martin Low Profile "Spread-All" with 50' side spread pattern, NI 244 8.5 Ton tandem Hyd gate.

USED TRACTORS

AC 7040 w/cab & air, 7030 w/cab, 7000 w/cab, 7000, 200, 190XT w/cab, 180 w/loader, 175D, 170 w/loader, 5050, D 19 Gas, D 17 Gas & Diesel, D 17 Series III s/c w/loader, D 15 Series II 3 pt, WD 45, D 14, D 12, D 10 w/mower, B, C, CA, G.
FORD 5000D, 4000 Gas w/loader, 2000 w/loader, 801 Powermaster, 800, 601, 8N.
MASSEY FERGUSON 265 D, 175 D w/loader, 165 Gas, 150, 135 w/loader, 135 Gas P S (640 hrs.) 50, 35, 30 D w/loader, 20 w/turf tires, Ferg 35, MF 40 Tractor Loader.
JOHN DEERE 2640 D, 3010, 2020, 1020, 2440 w/loader, 3020 D Power Shift side consul, 3020 D w/M&W turbo, 1530 w/loader, 4020 w/cab, 630, 40 w/snow plow, B w/loader, M w/mower & plow, H.
IHC 806D, 706 D, 544 w/loader, 504 3 pt, 364 D, 340 w/loader, 230, 140 High Clearance w/cultivator, H wide front end, Super A, Cadet w/mower.
KUBOTA M 4500 4wd Tractor w/loader - BEST BUY.

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Used Hay & Grain Elevator w/motor, NH 358 & 352 Grinder Mixers, GEHL Mix All, IHC Mixer Mill, Tub Grinder Farmhand 890, DION, NI, IHC, GROVE, BIG BLUE Forgae Wagons, NI Corn Pickers 1 & 2 row, HESSTON Stack Mover, 10W & Stack Processor 10, NEW UEBLER Silage Elevator 20' w/motor, 15' dump wagon, FORD Power Units, Various sizes, Like New IHC 110 w/rool, 3 beater forage wagon, GEHL 940 3 beater Forage Wagon w/roof.

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AC 840 Articulating Pay Loader, AC 715 D & B Tractor Loader Back hoes, HD 4 Track Loader, H-3 Dozer w/6 way blade, I 400 Backhoe, 706 B Fork Lift w/cab, 615 Tractor Loader, Grader, JD 440 Log Skidder, JD 401 Loader, 350 Dozer w/6 way blade, Industrial MF 165 w/angle snow plow, FORD 4500 Tractor Loader, 3 pt, PTO & Cab, CASE 850 Dozer, GRIZZLY 3 pt Backhoe, 3 to 5 Ton Industrial Roller, BOBCAT 611 Skidsteer w/Deutz Diesel Engine - just rebuilt, FORD 801 Fork Lift, Ford 3500 Diesel tractor loader back hoe.

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SHAVER Post Driver, GRIMM PTO Hay Tedder, AC & Wheel Horse Garden Tractors w/snow Blades, AC Short & Long Hopper Blowers for Sawdust etc., 8' Big Beaver Scraper Blade, 4' Snow Plow, Hyd 4 way Blade, Dunham Lehr Loaders, BRILLION Cultipacker Seeders, GMC Power Unit w/PTO Clutch, 1 & 2 row IHC & JD Potato Diggers, MYERS ST 90 Power Angle Snow Plow, AC 8' Grain Drill, JD 1550 3 pt PTO Seeder, AC Snow Blowers, 6' Jeep Mtd Snow Plow, Reset Plows - IHC & FORD 3 btm 3 pt, JD 4 btm 3 pt, AC 4 & 5 Btm, FORD 4 & 5 btm, AC 716 H L & G Tractor w/42" mower, AC 720 w/mower, snow plow & sickle bar.

Call Us For Your Snow Plow NEEDS
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SPECIAL
NH Skid Steer Loader, Model #445,
Only 150 Hours, Very Good Condition,
Manure & Material Buckets,
Excellent Buy.
$8,975

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Now in 3 sizes ideal for use on your size farm:

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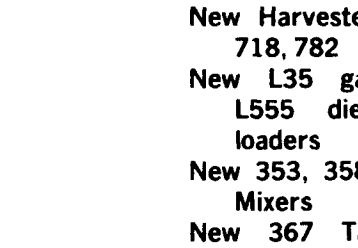
1 - All Mower-Conditioners utilize the patented drawbar and drive line to enable 90 degree and sharper turns under full power



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Ford Tractors Equipment

FORD TRACTORS
New TW 20 w/cab, 4WD, air
New 4610
New 6600
New 1910 w/Frt. Whl. Dr., P.S.
New 1710 w/Powersteering
New 1210 w/Frt. Whl. Dr.
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Used 1405B 16" Auto Reset Plow. Ex. Cond.

SPERRY NEW HOLLAND

NEW HOLLAND
New TR70 Combine w/cab, air, heater, w/cat. engine and lots of extras
13' flotation header and cutter bar, w/hume reel
962 N4 corn head
New Harvesters - 707, 718, 782
New L35 gas, L325, L555 diesel, skid loaders
New 353, 358 Grinder-Mixers
New 367 Tank Type Manure Spreader
Used 975 Combine w/11' head
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NEW IDEA
NI 406 rake
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NI 3 pt. Hitch Fertz. Spreaders

New Glencoe 12'9" Finishing Harrow
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JD 750
JD 950
JD 2150
JD 2350
JD 2550
JD 2750
JD 4440 SOLD & QR

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JD 235 19'11" Disc
JD RM4 Cultivator
JD 1250 3B Plow
JD 1010 Field Cultivator
JD 1610 Chisel Plow
JD 415 Rotary Hoe
Glenco SSP 7B Soil Saver

HAY TOOLS
NH 489 Haybine
NH 58 Thrower
JD 337, 347W Balers
JD 3940 Harvester
NH 38 Crop Chopper
NH 311 & 316 Balers
NH 451 Mower
NH 256 & 258 Rakes
NH 782 Harvester
NH 1037 SOLD Wagon

COMBINES & HEADS
JD 215 Flex Platform
JD 643 Corn Head
JD 6620 Combine
JD 213 Flex Platform
JD 444 C. Head
JD 4420 Combine

OTHER EQUIPMENT
JD 158, 175, 245, 260 Loaders
JD 1065, 1075 Wagons
JD 78 Blade
NH 230 Wagon
Century 500 Gal. Sprayer
DeLaval Manure Pump

PLANTING EQUIP.
JD 7000 Cons. Pltrs. 4R & 6RN
JD 8200 18x7, 21x7 Plain Drills

USED EQUIPMENT
IH 1440 Combine w/13' Platform & 4RW Corn Head
JD 4020 Tractor
IH 966 Tractor
JD 2040 Tractor
NH 791 Manure Spreader
NH 320 Wire Baler w/hydraformatic & quarter turn chute
AC K2 Combine
JD 643 Corn Head
JD 244 Corn Head
JD 7000 6R Planter w/Dry Fert.
NH 770 Fg. Harv.
Fox 3000 Fg. Harv.

SPERRY NEW HOLLAND — WAIVER OF INTEREST ON MANY ITEMS — JOHN DEERE

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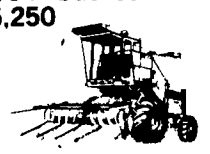
CALL FOR SPECIAL WINTER PRICES AND TERMS. FREE FINANCE ON SOME PRODUCTS AS LATE AS SEPT. 1, 1984 OR LOW FINANCE CHARGES ON ALL NEW AND USED SNH EQUIPMENT. 4.9%, 7.9% or 10.9%, APR FOR 12, 24 AND 36 MONS. RESPECTIVELY.
Also Winter Buyers Dividends and Cash Allowances in lieu of finance on most equipment.

USED EQUIPMENT

NH L-325 Skid Steer Loader w/54" bucket **$6,250**



NH 1895 SP FORAGE HARVESTER
Cab & Air,
Cat Power Unit
12 Double Edge
Underbeveled Knives, Metal detector base unit with, 3RN, Low Profile Head & 880 Pickup Head $32,500
NH 880 R2 Crop Heads
24' Elevator w/Motor. $490
Repaired 3 & 5 H P. Elec Motors . . $100 to $150
NH 469 mower conditioner $1685
Hawk Bilt 145 Bu Tank Spreader
NH 273 PTO Baler, Ld Chute. . . $1475
Special NH L-35 (Rental) Skid Loader large frame Limited Time $9,500
Special 3000 (Rental) gal. liquid Tank Spreader w/ejectors $5,950

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Same Falcon 4 wheel drive 49 PTO Horse Power. 325 hours. New Condition, $8,800.
Deutz 6806, 68 HP New Paint $6,400
Deutz 10006 2 WD w/cab, heat, ~~$8,200~~ — $6,900
Leyland 270 Turbo 80 PTO Horse Power 4 new tires 3000 Hrs. $7900.
Ford series 250 PTO hay baler, $800
International 350 Forage Harvester w/1 row crop and pick-up head. good condition $1,500.
Badger 1416 3 btr. forage box w/roof w/Badger tandem gears, $2900
Dion 2 btr. 16' forage box w/8 ton NI gears, $1600
NI 272 cutditioner excellent condition $2785
Taylorway model 200 217 disc harrow, 10' w/flex bearing hangers, 22" blades, new cond., $3550.
NI model 224 spreader w/hyd. gate, Gratz chain, good cond., ~~$3,800~~ - $3,400
NI 218 spreader with hyd. gate, cylinder & hoses, flotation tires, Gratz chain, good cond., ~~$3700~~ - $3,200
Dion 60" forage blower, good cond. $1385

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New and Used Parts Available for Cat, Allis Chalmers, IHC, Case, John Deere and others.
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NH #351 GRINDER-MIXER

NI #218 SPREADER
NH #362 FLAIL SPREADER

MUSTANG #345 SKID LOADER
MUSTANG #440 SKID LOADER
FORD #340 SKID LOADER

OLIVER 1610 FRONT LOADER

FAYETTE 18,000 LB. TRAILER

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Hanover, Penna.
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MF Massey Ferguson

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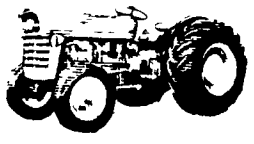

MF 200 Series Tractor

Hurry in now and make your best deal on a new MF 200 Series Tractor 34 to 78 PTO horsepower We are winding up our inventory reduction with special low prices on selected models. Thanks to some big discounts from Massey Ferguson. PLUS take your choice of many saving MF financing options Low 9 9% A P R. financing or waiver of finance charges to June 1, 1984 Hurry offer ends January 31

NEW EQUIPMENT IN STOCK
MF 220 baler
MF 224 baler
MF 212 bale thrower
MF 860 diesel combine, hydro
MF 1144 corn head
MF 1163 corn head

USED EQUIPMENT
MF 510 combine
MF 760 combine w/6 row corn head & 16' grain table
MF 750 combine w/63C corn head & 14' grain table
MF 410 combine w/4 row corn head
MF 2675 diesel tractor
MF 285 diesel tractor

Early Order Twine 9000 & 10,000 Sisal $16 per bale

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500 E Crawler, like new, $10,900; International power unit w/clutch, $375; 900 x 16 tires, $45; 2 ton Yale forklift, preamatic tires, $2,000; 55 gal. drums clear varnish, $100 drum or small lots $2.00 gallon; small generator, no motor, $150; 18' Glasspar boat w/115 h.p. motor, 40 hrs. on motor, $3,900. 717-733-3980.

AC D21 tractor, diesel, excellent condition. 215-431-4384.

JOHN DEERE

JD 4630 Tractor
JD 4430 Tractor w/Roll Guard
JD 4430 Tractor w/Row Crop Fenders
JD 4240 Tractor w/Cab, PS
JD 4230 Cab & Air
JD 4030 Tractor
JD 4020 Side Console, WF
JD 4020 WF
JD 4020 Side Console WFE
JD 4010 Tractor
JD 2640 Tractor
JD 2640 Tractor w/145 Loader
JD 2440 Tractor
JD 2040 Tractor
JD 2020 Tractor w/Loader
JD 950 Tractor w/loader
JD 420 Lawn Tractor
JD H Tractor w/plow & cultv.
Farmall 656 Tractor
Farmall M Tractor
IH 154 Lo-Boy w/mower
AC 7000 Tractor w/Cab
JD 158 Loader
JD 7000 6R Consv. Planter w/Liquid Fert.
JD 7000 4R Consv. Planter w/Dry Fert.
JD 7000 4R Consv. Planter w/liq. fert.
JD 1240 4R Plateless Corn Planter
NI 325 2R Corn Picker
NI 3231Row Corn Picker
JD 3800 Chopper w/2R corn head
JD 35 Chopper w/2R corn head
JD 110 Disc
JD BWA Disc
JD B Plane 15 Disc Grain Drill
JD Kilafor offset Disc
JD FB Grain Drill
JD 950 10' Roller Harrow
JD 4400 Combine w/Platform & C.H.
JD 4400 Combine w/444 Corn Head & 13' Platform
JD 7700 Combine
JD 7700 Combine w/643 Corn Head & Platform
Gleaner A Combine
JD 34 Chopper w/1 Row Corn Head
JD 244 Corn Head
NI 279 Cut/ditioner
Brillion Cultimulcher
JD 10' Pull Type Chisel Plow
JD 1450 5B Plow
JD 1450 4B Plow
JD F145 5B Plow
JD 145 6B Plow
IH 5B Plow
IH 6B Plow
NH 318 Manure Spreader
NH Tank Spreader
NI 214 Manure Spreader
JD 400 Lawn & Garden Tractor
JD 420 Lawn Tractor
JD 317 Lawn Tractor
JD 300 Lawn Tractor

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Whiteford, MD 21160
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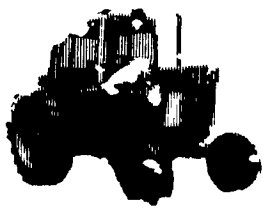


WHITE TAG SPECIALS

3088
234D-4WD, 15HP $5400
244D-4WD, 18HP, $5200
15 Rear Blade, 6', $250
420 3-F plow, $1600
720 5-F plow, $6900
540 Spreader, $3500

LAWN & GARDEN SPECIALS

482 Cub Cadet, 11HP w/mower, $2250
1282 Cub Cadet, 12HP hydro. w/mower, $3018
782 Cub Cadet, 17HP Hydro. w/mower, $3695
982 Cub Cadet, 19HP 3pt., $4465

NEW EQUIPMENT

McKee snowblower for a IH 184 & 154 tractors, SPECIAL PRICE
IH 475 disc, 11'6"
540 spreader
335 wagon
18' bale wagon
Morridge Grain Dryer
5110 grain drill, 16x7

USED EQUIPMENT

IH 475 disc, 11' 6"

LAMB'S FARM MACHINERY
Thorndale, PA
Phone 215-269-2676

USED EQUIPMENT

TRACTORS

JD 4240 w/SG Body, 530 hrs	$28,000
IH 1086 w/cab, 1180 hrs.	$18,500
IH 1066 w/cab	$10,900
IH 656D, reconditioned	$ 6,900
MF 1085	$ 7,900
MF 1080	$ 5,900
JD 950 D/6' mower, 450 hrs.	$ 6,900
JD 950 D/75 Loader, 155 hrs.	$ 7,500
Ford Jubliee w/loader and plow	$ 3,500
JD A	$ 1,100

COMBINES

82 JD Sidehill w/15' Flex Head	$69,000
78 MF 750 w/Heads	$28,000
78 JD Sidehill	$40,000
68 JD 45	$ 5,000

PLANTERS

JD 6R Consv. w/Dry Fert, 2 yrs. old	$ 9,000
JD 4R Max-Emerge	$ 5,900
MF 468 4R and 6R Planters	$ 1,000
(3) 2 Row JD Planters	$300 and up
IH 4R 456 Planter	$ 1,200
JD 1240	$ 1,800
JD 1460 6 Row	$ 3,500
JD 8350 21x7 DD Drill, new Discs	$ 4,500

TILLAGE

JD 950 12' Roller Harrow	$ 2,700
JD 1450 5x16 Plow	$ 2,900
Pittsburg 14' Disc	$ 1,900
Pittsburg 12' 3 pt. Harrow	$ 590
Ford 6' 3 pt. Disc	$ 750

HARVESTING

IH 650 Harvester w/3 heads	$ 2,100
JD 3800 Harvester w/3 heads	$ 5,500
NH 770 Harvester w/2 heads	$ 3,500
NH 36 Chopper	$ 1,500
JD 1209 Mower/Conditioner	$ 3,500
JD 716 Forage Wagons	$ 4,000
JD 750 Grinder-Mixer w/scales	$ 4,500

TOBIAS EQUIPMENT CO., INC.
Halifax, PA 17032
Phone: 717-362-3132

USED TRACTORS

Waiver of Interest until March 1, 1984

- '64 JD 4020 Diesel, wide front
- '68 4020 diesel, wide front
- '68 4020 diesel, power shift, cab
- '76 JD 8630, 4WD w/dual 30.5x32 - 24.5x32 dual tires, 3765 hrs., nice condition
- TO-30 Ferguson
- '71 JD 4320
- '73 IH 766 wide front, 3 pt. hitch
- IH Super M
- '71 IH 1456, No Cab

CORN PLANTERS

Waiver of Interest until April 1, 1984

- IHA w/1 row cult.
- '82 AC Model 333, 15-20" Row, No-Till Bean Planter, Dry Fert., Insecticides
- JD 7000 8-30 Dry Fert. No Till Coulters Insecticides, Monitor
- IH 6-30 air planter
- JD 1250 plateless

USED PLOWS

- JD F145 - 5-16 Semi Plow
- JD F145 - 5-16 Semi Plow w/harrow attachmant

USED COMBINES

Waiver of Interest till January 1, 1985

- '73 JD 7700, hydrostatic drive, turbo, 16' platform
- '74 JD 7700 - Rotary Screen, Mud Hog Drive, 16 Ft. Platform
- '75 JD 7700 - Rotary Screen, 16' Platform
- '73 JD 7700 hydrostatic drive
- '76 JD 7700 rotary screen, gear drive, 215 flex cutterbar
- '80 JD 7720 4 wheel drive, 220 flex cutterbar
- '78 IH 1480 axel flow w/four wheel drive

'81 JD 8820 4 wheel drive, factory duals, 1100 hrs., w/1243 corn head & 220 flex cutter bar, exc. shape

CORN HEADS

Good Selection of John Deere
443-444-643-843-1243 Cornheads

MISCELLANEOUS EQUIP.

PTO Drive, 1000 RPM, tandem axle, 3 yrs. old, exc. cond. $8,500

- Bish head adapter to install JD corn head on NH TR70 combine
- JD 653 row crop bean head
- JD RG4 cultivator
- M&W 450 grain dryer, PTO dry
- JD 210 14' disc harrow
- JD 38 Harvester w/2 RW Head
- JD 38 Harvester, Electric Controls, w/2 RW Head, 5½' Pickup Attachment
- JD RG8 Cultivator, 8-30" Rows
- Tye drill 24 tine, double disc opener, 3 pt. hitch
- Caldwell grain cart, 700 bushel
- Graber 26" flex pull-type chisel plow
- IH 13' 2 bar chisel plow 3 pt.

W.N. COOPER & SON, INC.
Morgnec Rd. Rt. 291
Chestertown, MD
301-778-3464

JOHN DEERE — Nothing runs like a Deere

CLUGSTON IMPLEMENT, Inc.

JD 2950 SG MF WD w/260 LOADER ON DISPLAY AT THE FARM SHOW - CALL FOR PRICE

USED CORNPLANTERS
JD 1240
JD 1260 w/monitor
JD 7000 6RN w/min. till attach.
White 5400 6RN Plateless
AC 4 Row No-Till

USED HAY & FORAGE EQUIPMENT
Hesston PT10 Mower-conditioner
NH 479 Haybine
JD 2 Row Narrow Corn Heads
NH 2 Row W 880 Head
NH 269 Baler w/Thrower
NH 78 Baler
JD 24T Baler
Hesston 1010 Swing Tongue
JD 640 Rake

USED MISCELLANEOUS
Oliver Fertilizer Spreader
JD 790 Flail Spreader
V1575 Martin Spreader
Post Hole Digger

NEW TRACTORS
JD 4250 SG, PS, MFWD
JD 2950 SG, MFWD
JD 2950, SG
JD 2550
JD 300B Loader & Backhoe
JD 850

USED TRACTORS
JD 2030
JD 2030 w/reverser
JD 4010
JD 3020
Farmall A w/Hyd. Lift
MF 265
MF 235
MF 65 Dsl. w/loader
MF 20
MF 202
Satoh w/mower

NEW HAY & FORAGE EQUIPMENT
NH 782 Fg. Harvester
JD 5440 SP Fg. Harvester, 4 WD, 1180 hrs.
JD 3940 & 3960 Fg. Harvester
JD 347 Baler
JD 327 Baler
JD 430 Baler
NH 311 & 316 Balers
NH 849 Round Baler
NH 488, 495 & 1495 Haybines
NH 256 Rake
JD 670 Rake
JD 660 Rake
H&S Fg. Wagon
H&S Bale Wagon
New Hay Tedders

NEW PLANTERS
JD 7000 6 Row Consv.

NEW TILLAGE
JD 950 Roller Harrow
JD 2600 4B Plow
Haybuster No-Til Drill Also for Rent

NEW SKID STEER LOADERS
NH 445, 555
Bobcat 643, 743

NEW SPREADERS
NH 519, 679, 791
Martin 2400 V Type & F1466 Scavengers
H&S 260 & 295 Spreaders

NEW MISCELLANEOUS
JD 335 Skid Sprayer
Most Model JD Loaders & Blades
Demco Sprayer 600 gal.
JD #27 Flail Shredder

Ask About Waiver of Finance on NH & JD Equipment
1 Block off I-81 Exit 8
Chambersburg, PA 17201
Phone: 717-263-4103

bobcat — SPERRY NEW HOLLAND

case — GEHL — HESSTON FARM EQUIPMENT — SAME

★ USED EQUIPMENT SPECIALS ★

USED TRACTORS

Case 870 w/Cab & Air Cond.
Case 870, Power Shift
Case 885 w/Loader
Case 570 w/Loader
Case 930 — Case 1030
Case 1070 — Case 1370
MF 1085 — MF1135
JD 3010 — Int. 1086
Allis Chalmers WD45
Ford 9N

USED SKID STEER

Gehl 2500 A
Gehl 2600
Gehl 4500 (1979)
Case 1845 Gas or Diesel
Case 1845 (1979) Exc. Cond.

USED BALERS

Hesston 5540 Round Baler
Hesston 5600 Round Baler
Case 230 Conventional Baler w/kicker
Hesston SH10 Stacker

WAGONS

(2) Grove Wagons w/Hyd. Drive, 16'
Grove 16' w/3 Beater Roof & 12-Ton SOLD 'em Wagon - Exc. Cond.
Jerdan 3 Beater w/12 Ton Running Gear & Hyd. Drive
JD 216 Wagon, 16' 2-Beater

USED HARVESTERS

IH 830 w/2-Row Narrow and Hay Pickup
Gehl 83 w/1-Row Head, Hay Pickup & Direct Cut Head
Gehl 3 Row Wide Cornhead
(2) Gehl CB600's
Gehl CT300
Fox Super 1000
JD 3800

USED PLOWS

JD 3-Bot. 14" Trailer
JD 4-Bot. 16" Mounted
Ford 5-Bot. Semi Mtd. Plow

USED WINDROWERS

Hesston 420
(3) Case 555's
Gehl 1090

USED BLOWERS

Fox Blower — (2) Gehl 99 Oliver (Kools)

MISCELLANEOUS

Case Disk
Gehl 95 Grinder Mixer
Sauder Loader For 8N
Several Farm Loaders
Cagle 500 Sprayer
187 Ha SOLD lt Spreader
5' Sidewinder Mower (New)

STOUFFER BROS. INC.
1066 Lincoln Way West, Chambersburg, Pa
Phone 717-263-8424

USED EQUIPMENT

TRACTORS
Case 1370 Cab-Air-Heat 24.5x32 Radio
Case 1090 18.4x38 (New) Power Shift
Case 1170 Cab-Heat 8 Spd. 20.8x38
Case 900 w/Pulley
Case 2090 Cab
Cub Lo Boy
Agri Power 9500
Ford 861
206 Ground Drive
Spreaders In Stock

NEW IDEA
325/314 Picker Sheller
323 Pickers
325/327 Pickers
702 G Power Unit
702 D Power Unit
710 Combine
743 N Head
767 Harvester
738 4RN Head
272 CutDitioners

FORAGE
Fox HA Harvester
JD 3800 Harvester
Hesston Blower
JD 115 Forage Box
Farmhand Rake

MISCELLANEOUS
Case 12' Disc Harrow
Wetmore 878 Grinder Mixer
Case 1800 Chisel
ArtsWay 420 Grinder-Mixer
Brillion 12 ft. Chisel
JD 310 Disk

LOADERS
Uni Loader Broom
1845 G
White Backhoe
MF 20C Tractor Loader
Mustang 330 Skid Steer
580C Loader-Hoe

SPREADERS
NI 206 — NI 224
NI 213 — NH 371 Flail
NI 214

A.L. HERR & BRO.
PARK AVE., QUARRYVILLE, PA 17566 PHONE: 717-786-3521

case — NEW IDEA — GEHL Gets into your system — BUSH-HOG

JOHN DEERE DESIGN, DEPENDABILITY AND DEALERS MAKE THE DIFFERENCE

CHECK THESE SPECIALS — CALL RIGHT AFTER 7 A.M. FOR INFORMATION & PRICE

FARM & HOME CENTER
1383 Arcadia Road
Lancaster, PA

(Each Showing Takes Two Hours)
(Last Showing At 3 PM)

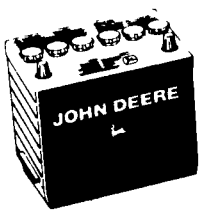
MONDAY, JANUARY 16
OUR NEW PROGRAM FORMAT
-- CONTINUOUS SHOWINGS --
8 AM to 5 PM

84 FARMING FRONTIERS

Food Served From 9AM-3PM
DOOR PRIZES WILL BE AWARDED EVERY HOUR - YOU MUST BE PRESENT TO WIN

The week of January 16, our traditional 10% cash discount on most parts and hardware purchased will be in effect. Extra special discounts on disk blades, cultivator shovels and oil. 25% discount on batteries.

SAVE 15% ON ALL JOHN DEERE SWEEPERS, SHOVELS & STRAIGHT CHISEL POINTS IN STOCK



Quality John Deere batteries in 6-, 8- and 12-volt models. Save 25% off list price.

SAVE 20% ON ALL JOHN DEER PAINT IN STOCK. WEEK OF JAN. 16 TO JAN. 24 ONLY

Powerful, yet gentle hand cleaner removes paint, grease, etc., without water.
1 lb. Reg. $2.10 SALE $1.75
4½ lb. Reg. $7.35 SALE $6.25

Built to tough specifications to protect your machinery investment.

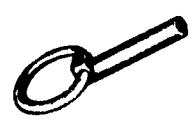
20% OFF ALL FILTERS

JOHN DEERE POWDERED GRAPHITE INSURES PROPER LUBRICATION OF CORN PLANTERS 1 LB. Cans Reg.
$2.40 SALE $1.99

Sit in comfort with a new John Deere seat kit. Fits 2510, 3010, 3020, 4020, 2520, 4320, 4520, 4620 Early 4230, 4430, 4630

Regular $99.95

SALE $82.95



QUICK LOCK PINS
7/16" Reg. 30¢
7/16" Heavy 50¢
LESS 10% DISCOUNT

Improves starting by injecting directly into intake manifold.
8.25 oz.
SALE $1.45.

summer bonus BONANZA

Looking for a good used tractor? See our selection and take advantage of finance charge waiver to March 1, 1984

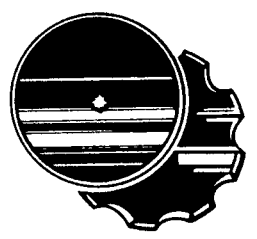
* Availability of John Deere financing subject to approval of credit.

OUR SELECTION OF USED TRACTORS

PRICES SLASHED

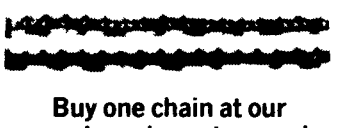
- JD 4440 Dsl, Quad, S.G. Body A/H w/JD 260 H.D. Hyd., Ldr.
- JD 2940 Dsl, TSS Hi-Lo Trans.
- JD 2640 w/Roll Guard and Enclosure
- JD 4430 Dsl, P/S, SG Body A/H
- JD 2630 Dsl, Row crop util.
- JD 1530 Dsl, w/Sauder Loader
- JD 3010 Dsl, Row Crop
- JD 2510 Dsl
- JD 730 Dsl
- MF 1085 Dsl
- MF 65 Dsl, Row cr[illegible]
- MF 135 Gas, P/S[illegible], Hi-Lo
- Ford 600
- Ford 8N
- DEUTZ 6807A Dsl., Cab, MF WD, AM-FM, tape
- CASE 430 Gas w/Hyd. Loader

UP TO 20% DISC. **DISK BLADES**



Made from cross rolled steel for long wear resistance to breaking. Custom heat treating assures uniform hardness throughout the blade

CHAIN SAW CHAIN SPECIAL



Buy one chain at our regular price get second chain for $1. Bring old chain Limit Two (in stock only)

WINTER REPAIR SPECIAL
FREE ENGINE OIL CHANGE WITH TRACTOR REPAIR WORK
$100 MINIMUM

10% OFF

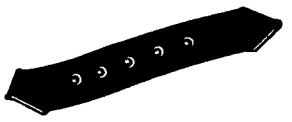
On all John Deere Service Work On Farm Tractors and Farm Machinery -
No Minimum-Thru March 1, 1984

DISCOUNT APPLIES TO ALL SERVICE WORK DONE IN OUR SHOP INCLUDING HAULING, LABOR, AND JOHNE DEERE PARTS USED PERFORMING THE JOB
FIELD SERVICE EXCLUDED

Make all your farm machinery repairs now to avoid wasting valuable time and money in the busy Spring Our mechanics are experts . call soon! - (717) 291-1046

By Appointment Only
Sorry we cannot offer discounts on credit sales

Repair Financing Available Thru JDFP
Credit Approval Required



John Deere Size	Twisted List	Shovels Sale
3"x22"	$ 7.67	$6.35
3"x24" Concave	$11.95	$9.95
4"x22"	$11.60	$9.85

Open soil for moisture absorption, yet leave residue to prevent erosion

Have your tractors ready for spring work with John Deere Torq-guard & Hy-Guard oils

CHECK OUR SPECIAL LOW PRICES FOR THIS WEEK ONLY

John Deere all-season lubricating grease. Works in hot or cold. 14 oz.
REG. $1.60

SALE $1.35

NI 206 SPREADERS
NEW IDEA 95 BU. GROUND DRIVEN SPREADERS

206 New Idea Spreader Available With or Without Steel Wheels With or Without Endgate Att.

LEARN ABOUT OUR EXPANSION PROGRAM PROGRAM AGR SHOP MOVING NEXT DOOR - JOHN BUCHER, AGR SHOP FOREMAN LAWN/GARDEN SHOP, MAIN BLDG - CHRIS BRUBAKER, C-P SHOP FOREMAN FOUR NEW EMPLOYEES HAVE BEEN ADDED TO BETTER SERVE YOU IN THE FUTURE.

LANDIS BROS., INC.

1305 Manheim Pike, Lancaster, PA 17601
Phone -717-291-1046

One New 354 NI Manure Spreader 390 Bu. Must Sell

717-738-1964

FOR SALE

1978-79 John Deere 6600 Sidehill Combine 1500 hrs. 6 row narrow corn head

Grain Dryer - AS 600 Super B

TROSS TERRAINS, INC.

Located on Rt. 890, Six Miles South of Sunbury.

Phone 717-286-6411 or 717-286-0215

M.M. WEAVER & SON, INC.

MF Massey Ferguson

Leola, PA 17540 (717) 656-2321

Located: 4 miles West of New Holland on Route 23, 1½ miles Northeast of Leola on the North Groffdale Road, 1 mile on the right, opposite Groffdale Mennonite Church.

USED COMBINES

SPECIAL MONEY-SAVING FINANCING

Buy now & finance with MF at a low 10.9% APR. or choose waiver of finance charges to May 1, 1984 on selected used combines.

- 1980 MF 760 Hydro V8 with 15 ft. Grain Table and Grain Saver $52,000
- 1978 MF 550 Hydro Diesel with 4 Wheel Drive $36,000
- 1977 MF 750 Hydro with Grain Saver . . $29,000
- 1977 MF 750 Hydro with Grain Saver . . $26,000
- 1977 MF 510 Hydro Diesel . $17,500
- 1976 MF 750 Hydro with Grain Saver $19,500
- 1976 MF 750 Hydro with Chopper $27,000
- 1975 MF 760 Hydro V8 . $24,000
- 1975 MF 750 Hydro $22,000
- 1975 JD 3300 Diesel with 13 ft. Grain & 2 Row Corn Head $17,500
- JD 343 Corn Head 3 Row 30" . . . . . $ 3,000
- 1975 MF 510 Diesel . . . $17,000
- 1975 MF 760 Hydro V8. . $24,000
- 1974 MF 760 Hydro 6 Cyl. $22,000
- 1973 MF 750 Gear Drive with Grain Saver $24,000
- 1973 MF 760 Hydro 6 Cyl. $21,500
- 1972 MF 510 Diesel Gear Drive . . . . . $ 9,500
- 1972 MF 510 Diesel Gear Drive $10,500
- 1972 MF 300 Gas . . . . . $ 8,500
- 1972 MF 510 Diesel Gear Drive $12,500
- 1971 MF 410 Diesel $ 7,500
- 1971 MF 410 Gas $ 7,500
- 1971 MF 510 Diesel $12,500
- 1970 MF 510 Diesel $10,500
- 1970 Case 1665 Diesel $ 5,000
- 1970 MF 510 Diesel $12,500
- 1969 MF 510 Diesel $11,500
- 1968 MF 510 Diesel $ 8,000
- 1968 MF 510 Diesel Hydro $12,500
- 1968 MF 410 Gas $ 5,000
- 1967 MF 410 Diesel $ 5,000
- 1966 MF 410 Gas $ 2,500
- 1966 MF 300 Gas $ 3,500
- 1966 MF 510 Gas with Floating Cutter Bar . . . . $ 4,800
- 1965 MF 410 Diesel . . $ 4,500
- 1965 MF 300 Gas with 11 ft Table . . . . $ 2,900
- 1964 AC CII Gleaner with Corn & Grain Head . $ 6,000
- 1960 AC A Gleaner . . $ 1,500
- JD 45 with Grain & Corn Head . . . . . $ 1,900
- JD 45 with Grain Head $ 500
- IH 303 with Grain & Corn Head . . . . $ 1,500
- MH 82 with 10 ft Grain Head . . . . . $ 1,200

Above Combines Include Grain Tables Less Corn Heads 61 Corn Heads in 2, 4, 6 and 8 Row Size

- New Idea 2 Row 30" Pull Type Picker Sheller $ 5,500

USED TRACTORS

SPECIAL

New MF 2805 Diesel Tractor, 190 HP, 24 Speed, Air Conditioned, Cab & Heater, 20.8x38 Axle Mounted Duals

List Price $69,277
Less Special Discount $20,000
$49,277

- MF 165 Diesel . . $4,500
- MF 35 Diesel . . $2,500
- MF 333 Gas $1,000
- Ford 4000 Diesel on Steel $2,700
- JD 50 . $1,900
- JD B $ 600
- Farmall 656 Diesel $5,800
- IH 107 Cub Cadet $ 900
- Ariens 1138 Lawn Mower $1,100
- Ford 8N $1,900
- Ford 9N $1,500

USED EQUIPMENT

- MF 880 Hyd. Reset 6-16" Plow $1,900
- MF 82 Spring Trip 3-14" Plow . . . . . $ 650
- Oliver Spring Trip 3-16" Plow . . . . . $ 850
- MF 43 Spring Trip 2-16" Plow . . . . . $ 950
- MF 43 Spring Trip 3-16" Plow . . . . $ 950
- IH Fast Hitch Spring Trip 3-16" Plow . . . . $ 400
- MF 730 Offset 10 ft Disc Harrow. $3,750
- 36 Blade Transport Disc . $ 300
- 24 Blade Pull Type Disc. $ 150
- Ford Transport 32 Blade Disc . . . . . $ 500
- Brady 3 pt 9 Tooth Chisel Plow $1,100
- Dunham 3 pt. 8 Tooth Chisel Plow . . . $1,150
- MF 129 Front Mtd Cultivator $ 300
- 3 Section Harrow $ 75
- 3 pt. Weeder $ 25
- MF 428 3 pt. 4 Row Rolling Cultivator . . . $1,500
- Tye 10 ft. No Till Grain Drill $8,900
- Danuser Post Hole Digger $ 875
- Century Sprayer $ 850
- Glenco 7 Tooth Soil Saver $4,250
- Farmhand Corn Processor $3,200
- (2) Kilbros Gravity Box and Wagon @ $2,200
- Tonutti 4 Wheel Hay Tedder $1,750
- Farmhand 6 Wheel Rake $1,200
- M-C 9 ft. Rotary Scythe $3,900
- Badger 14 ft Forage Wagon $ 950
- Circle Saw Buck $ 100
- Myer Snow Plow $ 400
- 3 pt Snow Blower $1,200
- E Z Gravity Box and Wagon $ 880
- N H 707 Harvester with Hay Head $ 900
- N H 707 Harvester with Corn Head $1,200
- Mohawk Rotary Cutter $ 395
- N H Super 717 Harvester $ 950
- MF 925 Demo Haybine $4,500
- Fella 2 Wheel Hay Rake and Tedder $1,200

INVENTORY REDUCTION SALE

USED COMBINES:

10.9% Financing or May 1, 1984 Waiver

MF 760 Combine
MF 750 Combine
MF 750 Combine
MF 750 Combine
MF 510 Combine
MF 410 Combine
WT 8800 Combine
WT 8800 Combine
NH 1400 Combine
NH 975 combine

All available with 13' Tables and various corn heads
MF 24, 23, 43, 44, 63, 64

USED TRACTORS:

MF 1085 w/new plow
MM M5
MF 165 Gas w/Sauder Loader
Wheel Horse D-180 19 hp 2 cyl. w/ Snow Plow

Plus a large selection of New MF tractors Available with a waiver of 9.9% APR Financing

CALL OR STOP IN TODAY
ALSO SPECIAL DEALS ON GT GRAIN DRYERS

GUS FARM EQUIP. INC.

MF Massey Ferguson

Box 85 Route 616
Seven Valleys, PA 17360
717-428-1967

- IH 460 Utility tractor w/loader & 2 buckets overhauled. New heavy duty clutch, new paint, excellent condition. $4,800
- Ford 8000 tractor w/cab, air, new tires, turbo charger, Dyno test, 130 hp, recent overhaul, new clutch & pressure plate, excellent condition. $11,000
- IH 9 tooth chisel plow, new. $1,300
- IH 4 bottom trip p . 1540 new shares & shins. $1,250
- Dunham-Lehr culti-mulcher 12'. $1,700
- IH 4 section spring harrow w/wheels. $350
- AC 4 row no-till planter excellent condition. $4,000
- JD Grain drill, 13 double disc. completely reconditioned. Fertilizer & grass seed attachment. $1,200
- Woods C80 rotary mower. $1,200
- NH 268 baler w/thrower reconditioned $1,450
- 2 Bale wagons w/sides. $850 each
- NI Rake $700
- NH 32 - grain bale elevator. $700
- 30' grain elevator like new. $800
- 200 gal. trailer sprayer w/pump & dribble kit. $600
- 3 pt. grass seeder, new. $150
- 24' bale conveyor. $350
- Bulk feed bin 12 ton Choretime w/30' flex Auger $1,400
- 10 Shenandoah gas brooders for poultry, used only once. $400
- Plasson poultry fountains. $7.50 each

Phone 215-756-6602

SWOPE & BASHORE, INC.

INTERNATIONAL AGRICULTURAL EQUIPMENT · Badger · WOODS Division of Hesston Corporation OREGON, ILLINOIS 61061 · bobcat

Tractors NEW
IH 5088 Tractor
IH 5288 Tractor
IH 5488 Tractor
IH 3288 Tractor
IH 584 DRC
IH 784 DRC
IH 244 D

Tractors USED
Farmall 806 D Tractor
Farmall H
Cab for 966 or 1066
IH F966D
IH F766G
IH F460D
IH F400D
IH F1456D
IH Hydro 86D
Ford 860
JD 2440 w/Loader
MF 65D w/Loader
MF 1105D
AC WD 45
JD 1010
IH 234D

Plows USED
Lely Power Harrow
JD 314 Plow
IH 211 Plow
IH 312 Plow
IH 311 Plow
IH 411 Plow
IH 560 Plow
Oliver 2F Trail Plow
JD 314 Plow
IH 450 Plow
IH 550 Plow
IH 531 Plow
Case 4F 16"

Combines USED
SP IH, Model 205 Corn & Grain
SP IH #91
SP MF #35
MF 510 w/43 Cornhead

Miscellaneous
NI 245 Spreader

Tillage USED
IH Vibra Shank, 3 pt.
IH Vibra Shank Trail
Dunham 10' Cultimulcher
Brillion Spring Tooth
IH #24 Offset Disc
IH 122 3 pt. 8' Disc
IH 500 Disc, 15'

Spreaders USED
NH 214 Spreader
Hawk Built 187 Spreader
Hesston Agitator

Skid Loaders
Bobcat 543
Bobcat 500
Bobcat 700
IH 3200
Case 1740D

Planters
IH 400 Cyclo 6R
IH 400 Cyclo 4R
JD 1250 6R
IH 6200 Press Wheel Grain Drill
Ontario 13x7
JD 393A 4R
IH 449 4R
IH 56 4R
JD FBB Drill 15x7

Forage Equip.
JD 34 Harvester
JD #6 For Harvester
IH 830 Harvester w/3-Row Cornhead & Hay Pickup
IH #16 Combine
IH #46 Baler
JD #14T Baler
NH #40 Rake
NH 23 Blower
IH 990 Mow Cond
Papec Forage Box
IH 440 Baler & Thrower

★ **Check Our Snow Tire Clearance Prices!** ★

JANUARY SERVICE SPECIAL
10% CASH DISCOUNT
on All Service Jobs Scheduled During January.
Call For An Appointment.

Stop In And See Us On The Way To The Farm Show!
We're Just 35 Miles East of Harrisburg.

★ **We Ship Parts UPS Daily or Can Deliver — Call Us For Details!** ★

Swope & Bashore, Inc.

OPEN MONDAY TO FRIDAY
7 AM To 5 PM
SATURDAY 7 AM To 11:30 AM

RD 1, Myerstown, Pa.
Located 1 Mile S. of Int. 78 & 6 Miles
N. of Myerstown on Rt. 645 in Frystown
PHONE: 717-933-4138

Area Codes 215 & 717 Call Toll Free 1-800-692-7467

FARM EQUIPMENT

- Krause Disc, Model 1580 16'10" Cut
- Taylorway Chisel Plow w/Trash Attachment, 10 Shank
- MF Model 345 Plow 4x16 Hydraulic Reset
- Auto Roller Mill Model 400 w/7 H.P. Motor
- Bobcat Skid Steer Loader #500

Call
717-639-5100
Ask For Mr. Shonk

FARM EQUIPMENT

AC 7000 Dsl. Tractor
AC 5040 Tractor
AC 200 Tractor w/Cab
AC 185 Tractor
AC 160 Dsl. Tractor w/ Loader
AC 160 Tractor
AC C Tractor & Cultivator
OMC #83 Grinder Mixer
OMC 540 Stacker & Mover
8C Hydra-Mac Skid Loader

ROY H. BUCH INC.
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FARM EQUIPMENT

IHC 100 7' Trailer Mower
Oliver 387 Sulky plow, exc. for horses
NH & Little Giant corn drag
(3) Nicholson Hay Tedders
(1) PTO Nicholson Tedder
NH 55 and 56 Hay Rakes
NI 751 & 752 Crushers
Lely pull type spin spreader
IHC 100 7' Trailer Mower
AC B125 Power Unit
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Lancaster, Pa.
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FARM EQUIPMENT

For Sale 1956 Hough 4 wheel loader, model HO22A, $6,800. Myers 500 gallon double blast ag sprayer, mounted on Reo 6x6 army truck, $8,500. 34' Fruehauf self-contained live bottom trailer, $1,900. 2 Smitley range feeders, 4 ton capacity, one good $400, 717-473-3031 8-5 PM 717-473-3852 evenings.

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Used Farm Tractor Parts by the thousands. Wenger's. 717-866-2135.

Used sawmills for sale. We buy and sell. Leroy Wray, R.D. 1, Douglassville, PA 19518. 215-385-3884

FARM EQUIPMENT

Cat 933G Loader. 717-933-5734.

IH 3400 Backhoe Loader. 717-933-5734.

JD 60 new rubber, very good condition, $2000. 215-356-5305.

Old two cylinder John Deere fly wheels rebuilt with our patented steel draw in hub which has the ability to tighten up on new or worn crank shafts. Also available new manufactured unbreakable fly wheels. Allen Machine Works, RD #7, Jonesboro, Tenn. 37699, 615-753-5738 day or night.

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AC XT 190 Series III tractor with year round cab, power shift wheels, full set of weights, low hours, good condition. Call 717-284-3205 or 786-7143.

JD 2600 metric 5 bottom mold board plow. Cuts 16", 18", or 20", new condition, $4,250. Call Sheaffer evenings, 301-758-1497.

For Sale - JD 1240 planter; Oliver 9' grain drill; 58 Chev C60 dump truck; 76 Dodge D200 PU; 78 GMC PU; 69 International corn head. 609-299-4971.

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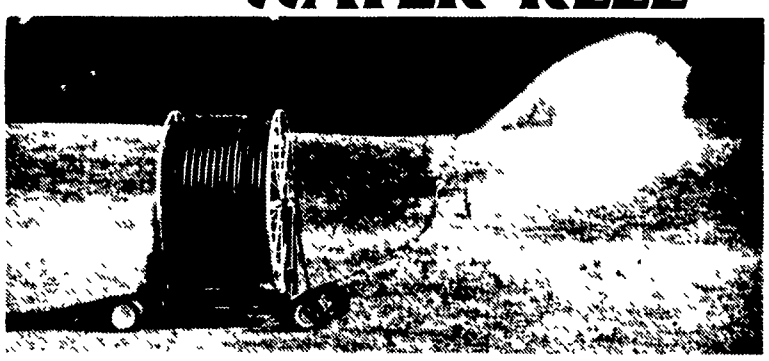

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IH 64, 76, 80, 82, 125, 127, 141, 101, 151, 91, 93, 203, 303, 403, 503, 205 & 815. JD 12 A, 25, 30, 40, 45, 55, 95, 105 AC 60, 66, Gleaner A, C, CII, E or L. MF Clipper, 26, 27, 70, 80, 90, 72, 82, 92, 35, 300, 410 & 510. Oliver 33, 35, 40, 430, 525 & 545. Ford SP & pull. 701 NI Uni tractor, NI Uni - 705D (ear corn unit), combine & shellers, Case 800 & 660, 600.

COMBINES

- E Gleaner, 3 row narrow corn head, cab, 10' grain head
- IH 205 w/10' grain head, 2R corn, $4200
- IH 105, cab, grain & 2 row corn, $2500
- C2 Gleaner w/2 heads
- Gleaner A2 w/cab & grain head & corn head, $3650
- NH 985 cab with quick-tach grain head
- MF 410 Diesel w/grain & 4R 30" cornhead
- MF 300, cab, 13' grain head, 2 row corn head, $3500

TRACTORS

- VAC Case, tires like new, $685
- Late Farmall H, good shape
- IH 1206 wide front end, torque & 3 pt , 120 HP, nice shape.
- IH 560, fully equipped
- AC C tires, like new
- Late JD A w/hydraulics
- JD 60 w/live PTO, $1050
- IH 3444 Diesel, industrial loader tractor, $2475
- IH 330 w/loader and power steering
- VAC Case, 3 pt., hydraulics, $750
- Oliver 77 gas, $675

TILLAGE

- JD RWA 14' wheel disk, $875
- JD 1450 6 btm. 16" plow, $1750
- 3-IH 10' & 12' wheel discs
- 10' transport roller harrow

MISC.

- NI 213 spreader w/new drag chain & sides, $1275
- Hawk Bilt tank spreader, $575
- 2 Dodge Buses, good running condition, makes good hay truck or campers.
- Wide Front Ends; Oliver 77, Massey 44
- (2) 50 bushel spreaders, $150 & 200
- Case spreader, $275
- 2 sets of 18x38 rear tractor, dual wheels
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- Sauder loader, $100
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- IH PTO spreader, $375
- JD 1450, 6 btm., 16" plow, on land hitch, $1575

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Used 60 HP 2440 Tractor w/146 Loader, 16 SP Trans., Ind. PTO, Loaded, Sharp $13,000

TRACTORS

New 60 HP 2440, sale priced
New 110 HP 4240, sale priced

15 HP Satoh Beaver diesel, 4WD, $3,100
IH 400 tractor, $2,200 nice!
130 HP JD 4440 tractor w/SGA quad range, 890 hrs., excellent cond.
JD MT tractor w/plow & cultivators
9N Ford, sharp
125 HP JD 4430 w/cab, ac, good

COMBINE

JD 6620 level-land, like new, 500 hrs.
New 4420 combine

TILLAGE

12' Pittsburg drag harrow, like new
JD F350, 4 btm 16", special $2,000
JD 145 plow, 5 btm. 16", exc., $2,500
JD 1250 4 btm., 16" integral $1,395
JD 145 4 btm., 16", very good
Case 4 btm., 16", semi-mounted, $1,000
IH 401 harrow hyd. control, very good, $595
JD 12' drag harrow, $525, good
JD KBA transport disc 10', $1,095
IH 10' disc, transport disc, $950
AC drag disc, $150
Case 7' Drag disc, $195
JD BW disc 10', $1,095

DRILLS & PLANTERS

10' Moore No-till drill, like new, $7 200
IH 56 4 row insecticide, nice, $1,500
JD 494A planter for parts, $200
5400 White 6 row no-till dry, insecticide, monitor, $4,500

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NI forage blower $895
JD 24T baler w/30 ejector, $2,495
Grimm hay tedder, $975
IH 440 baler w/thrower, $3,500
NH 818 harvester w/4 heads, $795
JD 38 forage harvester w/2RC
JD 800 SP windrower, 10' $2,250

MISCELLANEOUS

512 NH spreader w/hyd endgate
Bin wagon w/running gear
IH 540 manure spreader, new chain, very good
MF 160 spreader w/hyd. endgate, good, $1,395
NH tank spreader
JD 227 picker for parts
7' heavy duty 3 pt. blade, $625
96" bucket for 145, 146, 148, 158 loader

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USED EQUIPMENT

USED TILLAGE

T7322 IH Cub Plow
T7892 IH 710 Plow
T8034 Deere 110 Disc
T8166 Deere BW Disc
T8187 Tebbins 13 Shank Subsoiler
T8204 Krause 2413 Disc
T8363 IH 550 Plow
T8366 IH 510 Plow
T8439 Deere 220 Disc
T8570 IH Super-C Plow
T8616 Deere 215 Disc
T8652 White 271 Disc
T8690 Rotary Hoe 12' Rotary Hoe
T8693 Glencoe 13 Shk Chisel Plow
T8745 IH 490 21' Disk
T8827 IH 2F-14" Plow

USED HARVESTING EQUIPMENT

U4260 IH 700 Platform
U4638 IH 810 Platform
U4639 IH 810 Platform
U5152 MF NA Platform
U5799 IH 810 Platform
U5817 Ih 744 Cornhead
U6474 IH 844 Cornhead
U7064 IH 863 Cornhead
U7138 IH 915 Combine
U7222 MF 510 Combine
U7719 AC A438 Cornhead
U7737 JD 6600 Combine
U7754 Cornsaver 844 Cornsaver
U7789 IH 810 Platform
U7818 IH 715 Combine
U7819 IH 844 Cornhead
U7904 JD 4400 Combine
U7923 IH 810 Platform
U7936 IH 863 Cornhead
U7961 IH 915 Combine
U7963 IH 1480 Combine
U7964 IH 883 Cornhead
U8010 MF 510 Combine
U8014 IH 820 Platform
U8037 IH 944 Cornhead
U8138 IH 863 Cornhead
U8172 IH 1460 Combine
U8311 McCurdy Wagon
U8457 IH 715 Combine
U8542 IH 1480 Combine
U8543 IH 1480 Combine
U8544 IH 883 Cornhead
U8545 IH 883 Cornhead
U8599 IH 100 Mower
U8641 MC 180SB Shredder
U8654 MF 750 Combine
U8659 IH 720/830 R/C Unit
U8668 IH 863 Cornhead
U8673 IH Cornhead
U8688 IH 810 Platform
U8697 Ih 843 Cornhead
U8719 Kools KB1000 Blower
U8738 IH 810 Platform
U8742 MF 510D Combine
U8754 IH 403-12' Platform
U8782 IH 810 Platform
U8798 IH 844 Cornhead
U8799 IH 203C Combine
U9493 IH 744 Cornhead

MISCELLANEOUS

V7567 IH 510, 21x7 CM Drill-Grn
V7666 IH 400 6RN Planter
V8298 JD 7000 4RW Planter
V8563 IH 56 4RN Planter
V8681 IH 5100 21x7 Drill
V8682 IH 5100 2 Drill Htch
V8747 JD 8300 Drill
V8769 FMC 1229TM Sprayer

USED TRACTORS & ACCESSORIES

W4228 IH Hydro 186 Tractor
W7372 IH 1466 Tractor
W7379 IH 1456 Tractor
W7798 IH 2000 Loader
W7799 IH 2000 84" Bucket
W7821 IH 4120 Skid Loader
W7844 IH F450D Tractor
W7951 IH 1086 Tractor
W8040 IH 966 Tractor
W8042 Ih 2350 Loader
W8045 IH 1454G Tractor
W8070 IH 966 Tractor
W8165 IH 584 R/C Tractor
W8243 Deutz DX140 Tractor
W8283 Kubota L245D Tractor
W8536 IH Farmall M Tractor
W8569 IH Super C Tractor
W8626 Case 2670 Tractor
W8633 IH F1026D Hyd Tractor
W8647 IH F856D Tractor
W8684 IH 84 Hydro Tractor
W8694 NI 504 Loader
W8729 IH F1086D Tractor
W8756 IH 574D R/C Tractor
W8826 IH F460G Tractor

USED LAWN & GARDEN

X7039 Echo SRM140DA Weedcutter
X7947 IH 1000 Cub Cadet
X8376 Ranger RM-35 Mower
X8377 JD 110 Lawn Trac
X8378 IH 60 Cub Cadet
X8415 IH 105 Cub Cadet
X8416 IH 127 Cub Cadet
X8518 JD 110 Lawn Trac
X8723 Hahn PHDT124 Tiller
X8836 IH 382 5 Spd Cub Cadet

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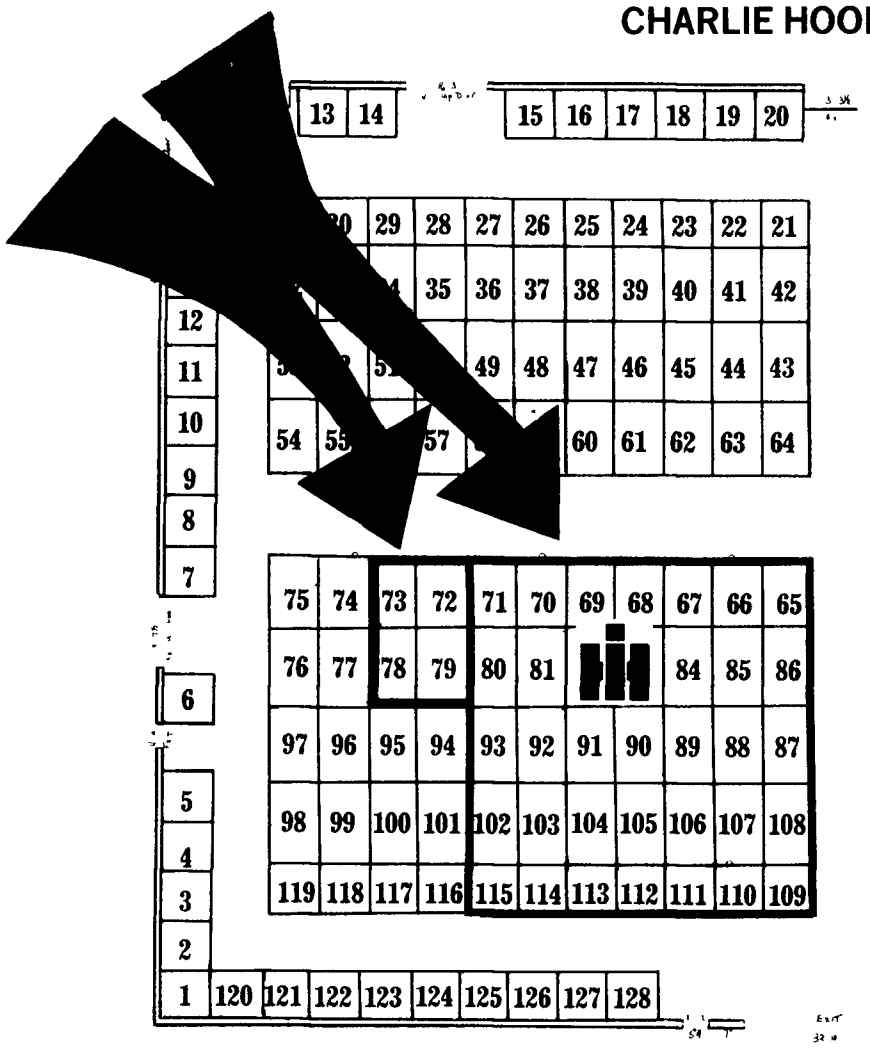

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TRACTORS
Case 930 Dsl, WFE
MF 175D 8 speed
MF 135G
MF 235G
JD 1520 Diesel
JD 2010G
JD 4010 Dsl.
AC D17, PS
AC D15 Series II
AC WD45
Farmall Cub w/Attch.
Farmall Cub w/mower
Farmall 504 3 pt.
Ford 9700 Dual Power
Ford 8000 Tractor
Ford 7000 Fully Equip.
Ford 5000 D
1971 Ford 4000 Gas
Ford 4000, live PTO
Ford 3000 8 Speed
Ford 2000, PS
David Brown 1200
David Brown 780
Satoh Elk w/mower
JD 18' wing disc
MF 33 Grain Drill
NI 206 Spreader
NI 216 Spreader
MF 6' Rotary Cutter
NH Flail Chopper

TRACTORS & LOADERS
Ford 4000 w/3 pt.
(2) 3400 3 pt.
Ford 9N
Ford 8N w/Loader
Ford 3000 D w/Snowplow
Ford NAA w/Snowplow
Ford CL40 skid loader
Ford 801 backhoe
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MF 2200

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JD 1209 Mower Conditioner
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JD 1710 Mulch Tiller
Bush Hog 1432 10½' Disc

USED EQUIPMENT
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Farmall MD, Super M Tractors
JD B Tractor
JD 520 Tractor
JD 720 Tractor
JD 3010 RCU Tractor
Farmall Cub w/outfit
Cub Frt. Mtd. Blade
JD 494A Planter
IHC 315 Mulch Packer
IHC 540, 550 4B Plows
JD F125 6B Plow
Ferguson 2B Plow
JD AW Disc 12'
Woods Cadet 60 Pull Type Mower
JD 507 Cutter
MF 41 Sickle Bar 3 pt. Mower
Mayrath 40' Elevator
NI Hay Rakes on steel
Myers Snowblade
Valk ST80 Snowblade

USED COMBINES
JD 95 w/platform
JD 434 corn hd.
AC C2 w/platform
AC 4R corn hd.
JD 45 w/platform
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FARM EQUIPMENT

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NI 5 Wheel rake
Taylor-Way 14' Disc
NH #518 Manure Spreader
NH 346 Tank Spreader
NI 10 Ton Spreader
Ford #535 Mower Cond.
NH 358 Grinder Mixer w/scales like new
IH 1150 Grinder Mixer w/scales like new
14' Cultimulcher, Like new

USED TRACTORS
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AC 7060, low hrs.
AC 5050
Oliver Super 55 Tractor
Ford 860
Case 2290, like new
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NEW EQUIPMENT
18'6" Amco Disc, $9800.
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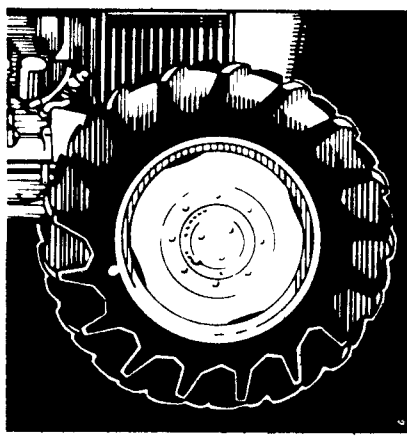

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Model 4440 powershift, sound guard body with air, duals available. This tractor must go. Waiver of finance till May 1984.

IMPLEMENTS

Combines
JD 6600 Combine Diesel w/AC 6 row corn head
JD 6620 combine w/643 corn head and 200 series flex platform, repossessed, exc. condition
JD 4400 combine w/443 corn head and 13' platform
AC L2 combine w/6 row corn head and 15' flex platform
1981 JD 7720 combine w/643 corn head & 215 flex platform, 4 WD, only 850 hrs.
JD 7700 w/643 corn head, 216 platform
JD 443 corn head
JD 95 combine, engine completely overhauled w/4 row wide corn head & 13' platform

Tractors
JD 4020 diesel, wide front, power shift
JD 4630 tractor, cab, air, quad range trans.
JD 8640 tractor, repossessed, low hrs., cab, air
JD 4230 tractor, quad range trans. w/Sound Gard body
JD 4230 tractor, quad range w/rollguard
JD 2520 w/WFE, gas, side console

Used Hay Equipment
479 NH haybine
PT 10 Hesston mower conditioner
1209 JD mower conditioner
24T JD baler w/model 30 ejector

Other Implements
7000 6 row JD planter, liquid or dry fert
1240 4 row JD planter, dry fert.
1440 4 row JD planter, dry fert.
Model 158 loader w/new 84 inch bucket

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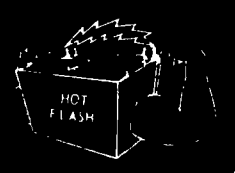

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WILLIAMSPORT 717-323-5645
WESTMINSTER, MD 301-876-7188
SHAMOKIN DAM 717-743-5383
BEL AIR, MD 301-879-4323

FARM EQUIPMENT

Wanted - NH EZ-Way potato harvester. Any Condition. 814-371-9071.

For Sale - IH 240 tractor w/cultivators and corn planter. Farmall 504 wide front end. Plastic mulch layer, 3 & 4'. JD KBA disc. Husky 200 gallon field sprayer trailer type. JD 3 pt. 2 bottom plow. 3 year old electric stove, self-cleaning, good shape. 717-367-4753.

FARM EQUIPMENT

1937 model B Huber tractor, has Buda motor, loose, $450. Agway liquid protein feeder, $75. Commercial shop vacuum cleaner, $75. 215-326-0439 after 5:30.

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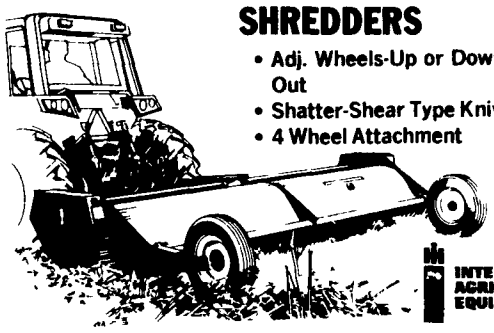

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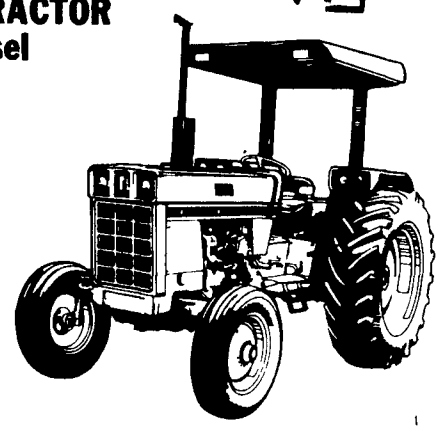

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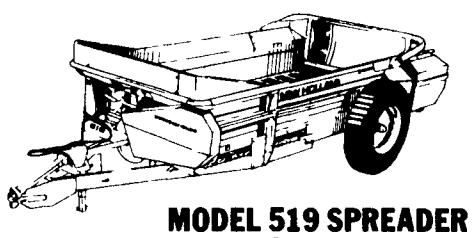

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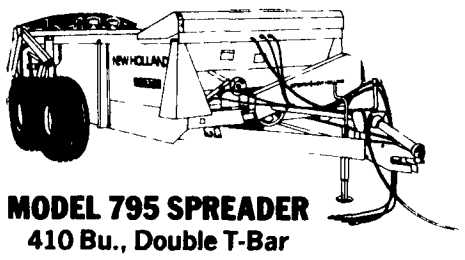

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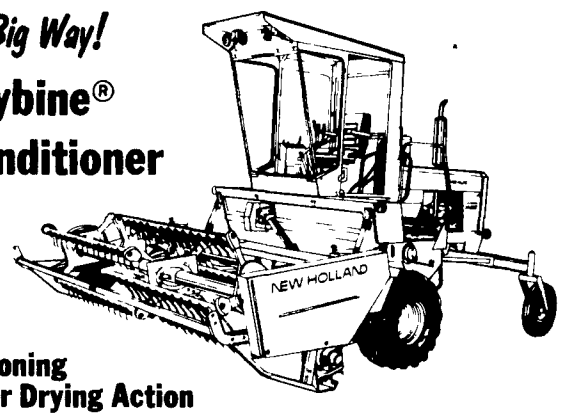

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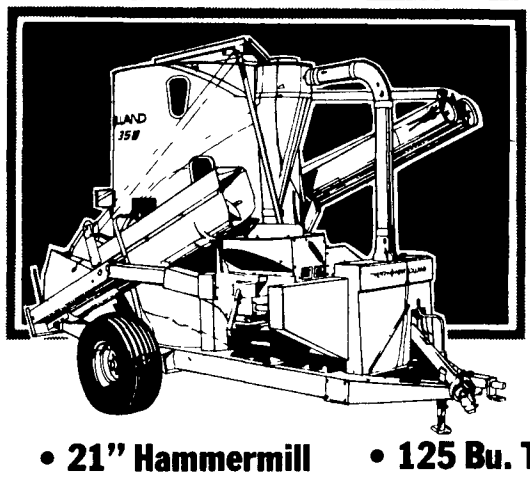

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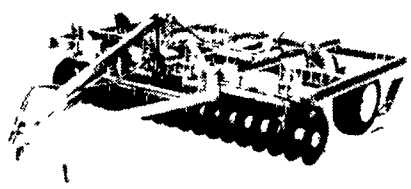

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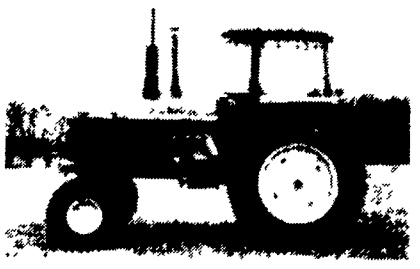

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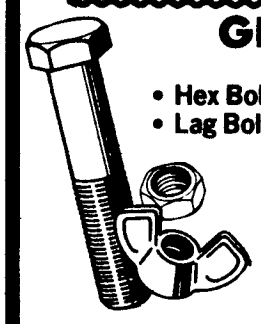

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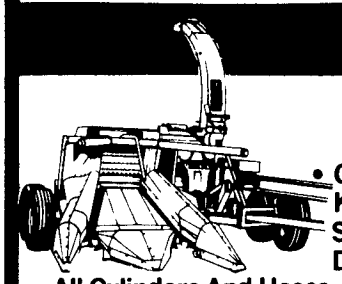

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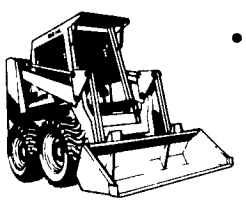

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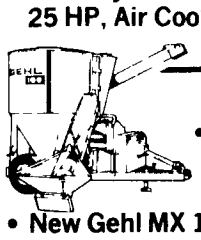

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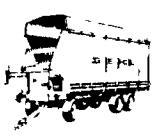
  Has Delayed Payment Until July 1, 1984

FORAGE BOXES



- New Gehl Forage Boxes Have Delayed Payment Until Sept 1, 1984
- Gehl 640 Forage Box 6x14 With Roof and 3rd Beater, One Only SALE PRICE... $3,700
- Gehl BU960 Forage Boxes, 6x16 Wood Sides 3rd Beater, and Roof SALE PRICE... $5,100
- Gehl 1060 Tandem Axle Running Gear For Forage Box Includes Adjustable Quick Hitch and 11Lx15 8 Ply Goodyear Tires, 12 Ton SALE PRICE... $1,850
- Used EZ 6x16 Forage Box, Includes Roof and 3rd Beater, 10 Ton Gear, 11Lx15 Tires, Good Condition SALE PRICE... $2,800
- Used Grove 6x16 Forage Box Includes Roof, 3rd Beater And Running Gear SALE PRICE... $1,250
- Used Grove Hyd. 6x16 Forage Box With Roof and 3rd Beater and Running Gear, Good Condition SALE PRICE... $2,400

MOWER CONDITIONERS
- Gehl MC 2160 Mower Conditioner, 9 ft 3" Cut SALE PRICE... $7,500
- Gehl MC 2230 Mower Conditioner, 12 Ft Cut SALE PRICE... $10,900

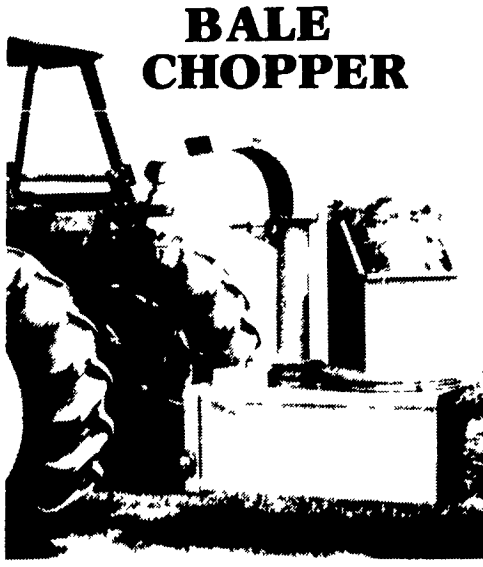
Ask About Delayed Payment Until July 1, 1984

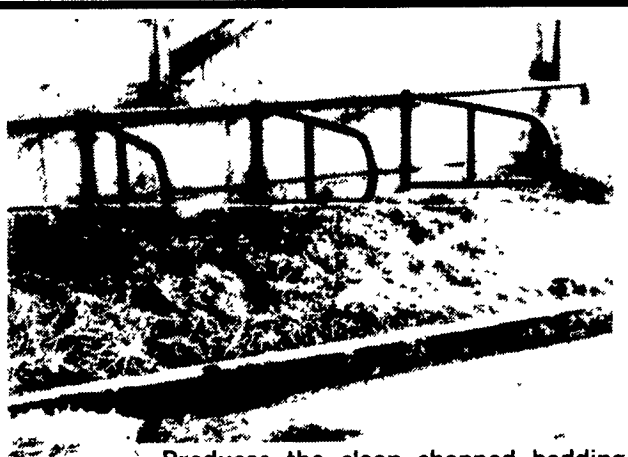
MISC. NEW AND USED MACHINERY
- New Scraper Blade, 3 Point Hitch, 7 Ft Wide SALE PRICE... $275
- New Century Sprayer, 42 Ft Boom, Includes 500 Gal Tank, New 11Lx15 Tires, Agitator, Centrifugal Pump And No-Drip Nozzles SALE PRICE... $3,200
- New Brady 6 Ft Flail Chopper SALE PRICE... $3,500
- Glencoe Soil Savers, 7 Tooth Stretch Frame, Demo SALE PRICE... $5,500
- Used 5 Tooth Soil Saver SALE PRICE... $3,600
- Used John Deere 4 Row Corn Planter, Plate Type With Fertilizer Attachments SALE PRICE... $900
- Used Oliver Disc Harrow, 12 Ft. Transport Type, Good Disc Blades SALE PRICE... $995
- Used Hawk Built, 187 Tank Spreader SALE PRICE... $895

- Gehl 3 Point Hitch Wheel Rakes w/4 Floating Finger Wheels SALE PRICE... $795
  Ask About Delayed Payment Until July 1, 1984
- Used Gehl 280 Bushel Mixer Feeder Wagon w/Scale, Ready To Go $5,200
- Used Gehl FC72 Flail Chopper, 6 Ft. Cut, Good Condition SALE PRICE... $2,800

Goosen

3-point Mounted TRACTOR DRIVEN BALE CHOPPER





Produces the clean chopped bedding that your cows prefer.

...the bale chopper that invites your cows to make better use of your free stalls

- **Better udder health** when your cows use the free stalls.
- **Saves bedding**... more stalls with less bales.
- **Saves time** while delivering an even distribution of bedding.
- Chopped bedding is more compatible for manure handling.

GOOSEN BALE CHOPPER IN STOCK
We Will Demonstrate
SALE PRICE $1,499.00

LEBANON VALLEY IMPLEMENT CO., INC.
700 E. Linden St., Richland, PA 17087
(717) 866-7518

MF Massey Ferguson

Customer Appreciation Days

January 16 thru 21, 1984

8 AM to 5 PM

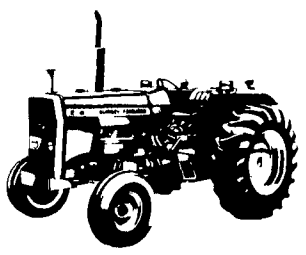
Your Business Machines

Check Out Our Parts And Labor Discounts

MF Massey Ferguson

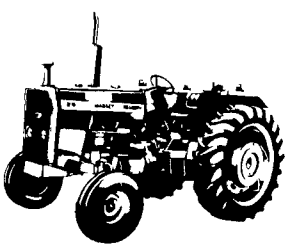
Your Business Machines

Inventory Reduction Sale On MF Tractors In Stock



Check Out The Savings!

Special Financing Terms!



All New MF Tractors Up To 100 HP Have 9.9% APR Financing Or Waiver Of Finance Till June 1, 1984 (Except Compacts)

NEW MF TRACTORS IN STOCK

MF 290 DIESEL TRACTOR
65 HP w/8 Speed Trans., Live PTO, Aux. Hyd. Outlets, 16.9x28 Rear Tires
List Price $19,996.00
LESS MF REBATE 2,500.00
LESS DLR. DISCOUNT .. 3,196.00
SALE PRICE. $14,300.00

MF 265 DIESEL TRACTOR
60 HP w/8 Speed Trans., Ind PTO Dual Hyd. Outlets, 15.5x38 Rear Tires
List Price . . $19,875.00
LESS MF REBATE 3,950.00
LESS DLR. DISCOUNT .. 3,025.00
SALE PRICE. $12,900.00

MF 2640 DIESEL TRACTOR
With Cab Air Conditioner and Heater, 90 HP, 4 Wheel Drive, 16 Speed Trans. w/Multi-Power
List Price $45,460.00
LESS MF REBATE 3,200.00
LESS DLR. DISCOUNT. 11,360.00
SALE PRICE. $30,900.00

MF 274 DIESEL TRACTOR
4 Wheel Drive, 55 HP, 12 Speed Synchromesh Trans., Live PTO, Dual Outlet Hyd. 16.9x30 Rear Tires
List Price $21,437.00
LESS DLR. DISCOUNT .. 4,637.00
SALE PRICE. $16,800.00

MF 270 DIESEL TRACTOR
55 HP, 8 Speed Trans., Live PTO, Auxiliary Hyd. Outlets, 16.9x28 Rear Wheels
List Price . . . $18,140 00
LESS MF REBATE 1,650.00
LESS DLR. DISCOUNT .. 2,590.00
SALE PRICE. $13,900.00

MF 270 DIESEL TRACTOR
55 HP, 12 Speed M P. Trans., Ind PTO Shaft, Dual Outlet Hyd , 16.9x28 Rear Tires
List Price $19,955.00
LESS MF REBATE 1,650.00
LESS DLR. DISCOUNT .. 2,905.00
SALE PRICE. $15,400.00

MF 245 DIESEL TRACTOR
42 HP, 8 Speed Trans , 14 9x24 Rear Tires
List Price $16,185 00
LESS MF REBATE 2,600.00
LESS DLR. DISCOUNT .. 2,985.00
SALE PRICE. $10,500.00

MF 205 COMPACT TRACTOR
2 Wheel Drive, 20 H.P. Diesel, 3 Point Hitch and 540 PTO Shaft
List Price $6,200.00
LESS MF REBATE 610.00
LESS DLR. DISCOUNT 795.00
SALE PRICE .. $4,795.00

MF 290 DIESEL TRACTOR
65 HP, 12 Speed, M P. Trans., Ind PTO, Dual Aux. Hyd Outlets, 15 5x38 Rear Tires
List Price . $22,383 00
LESS MF REBATE 2,500.00
LESS DLR. DISCOUNT .. 3,783.00
SALE PRICE. $16,100.00

MF 670 DIESEL TRACTOR
With Cab Air Conditioner And Heater, 55 HP, 4 Wheel Drive, 12 Speed Trans , Ind PTO and Dual Aux Hyd Outlets
List Price $32,794.00
LESS MF REBATE 1,900.00
LESS DLR. DISCOUNT .. 5,894.00
SALE PRICE. $25,000.00

USED TRACTORS CLEARANCE SALE

MF 1130 DIESEL
120 HP, 12 Speed M.P. Trans
SALE PRICE $6,900.00

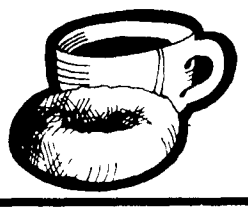
MF 30B INDUSTRIAL TRACTOR
With 34A Loader and Bucket, 42 HP, Instant Reverse Trans. and Cab, Year 1978
SALE PRICE ... $12,900.00
Make A Reasonable Offer

FORD 8600 DIESEL TRACTOR
110 HP Dual Power Trans., Year 1976, 1,625 Hrs., New 18.4x38 Rear Tires
SALE PRICE ... $12,300.00
You Can Finance This Tractor At 10.9% A P.R

MF 275 DIESEL TRACTOR
67 HP, 12 Speed, M.P. Trans., Year 1980, Only 500 Hrs. of Use Ind. PTO, Dual Aux. Hyd Outlets.
SALE PRICE ... $14,200.00
Make A Reasonable Offer

REPAIR SHOP SPECIAL

10% DISCOUNT
On All Labor Charges On MF Equipment Repaired Over $200.00. This Work Must Be Scheduled The Week Of January 16, 1984



FREE COFFEE & DONUTS ALL WEEK

For Details Ask Merlin, Our Service Mgr.

Inventory Reduction

When we clear out, you clean up with money-saving deals on selected models of Massey machinery and implements. See us now and save!

NEW MF 39 PULL TYPE 6 WHEEL RAKE
List $2,266.00
SALE PRICE..... $1,800.00

NEW MF 3 POINT HOOKUP 7 FT. SCRAPER BLADE
SALE PRICE..... $495.00

MF 520 DISC 12 Ft Wide, Pull Type Transport Disc, 20" Disc Blades With Scrapers
List $4,294.00
SALE PRICE..... $3,499.00
9.9% A.P.R. Financing Or Waiver Till November 1, 1984

NEW MF 345 3-16 HYD. RESET PLOW LESS COULTERS
List Price..... $3,248.00
SALE PRICE..... $2,695.00
9.9% A.P.R. Financing Or Waiver Till November 1, 1984

USED MF 36 5 BAR PULL TYPE RAKE, Good Condition
SALE PRICE..... $775.00

CULTIVATOR
1-4 Row 3 Point Tool Bar Cultivator
SALE PRICE..... $1,200.00

NEW PLOWS MF 82 4-16 TRIP BOTTOM PLOWS WITH COULTERS
List Price..... $3,280.00
SALE PRICE..... $2,650.00
9.9% A.P.R. Financing Or Waiver Till November 1, 1984

USED 880 PLOW 6-18 Bottoms, Hyd. Reset on Land Hitch For Tractors With or Without Dual Wheels Only Used 150 Acres
SALE PRICE..... $7,495.00

LEBANON VALLEY IMPLEMENT CO., INC.
700 E. Linden Street Richland, PA 17087
717-866-7518

January Savings!

MF COMBINES

There s still time to save big on a new MF Combine during our giant Inventory Reduction Take advantage of the big factory allowances from Massey-Ferguson *And* take your choice of money-saving MF financing terms 9 9% APR financing *or* waiver of finance charges to August 1, 1984

If you re looking for a good **used combine,** you ll want to check out the low 6 9% APR financing or waiver of finance charges to February 1, 1985

Gear up and save See us today!

MF 860 AND 850 COMBINES IN STOCK

- **MF 860 Combine, Diesel Engine, 540 Cu. In., Hydro Trans. with 24.5x32 Tires, Less Heads**

List Price $91,731.00
9.9% A.P.R. Financing MF REBATE 8,475.00
SALE PRICE . $66,250.00

- **New 1163 6 Row Cornhead In Stock**

List Price $16,144.00
9.9% A.P.R. Financing SALE PRICE . $11,300.00

- **New 1143 4 Row Cornheads In Stock**

List Price $11,400.00
9.9% A.P.R. Financing SALE PRICE . . . $8,200.00

- **Used MF 750 Turbo Diesel Combine Hydro. Trans. With Cab and Air, Year 1977 Includes 13 Ft. Grain Table, Good Condition.**

6.9% A.P.R. Financing SALE PRICE . $25,500.00

- **MF 510 L[illegible] With Cab and 13 Ft. Grain Table, Year 197[illegible]**

6.9% A.P.R. Financing SALE PRICE . $16,900.00

- **Used MF 44 and 1144 Cornheads, 4 Row**

As Low As . . . $2,000.00

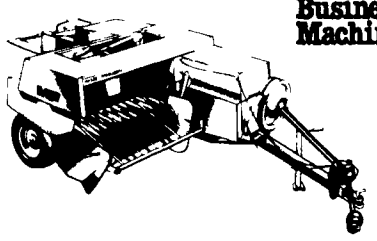
HURRY! OFFERS END JANUARY 31st!

Inventory Reduction

Top values on selected models of MF farm machinery and implements That's what you look for that s what you ll find now Our Inventory Reduction means big savings for you so see us today

MF Massey Ferguson Your Business Machines

MF 200 SERIES RECTANGULAR BALERS



Your choice of money-saving MF financing options

- Get low 9 9% APR financing **PLUS $300 Massey Rebate...**
- **OR** choose waiver of finance charges until July 1 1984 **PLUS** receive a **$300 Rebate** from Massey
- **OR** get a **$700 Massey Rebate** without MF financing

- **MF 228 Baler With 212 Hyd. Driven Thrower**

List Price $11,138.00
SALE PRICE . . . $9,995.00

Plus One Of The Above Options

We Also Have MF 128 and 120 Balers In Stock With Extra Discounts

Starting As Low As $4,400.00 Cash Price

Inventory Reduction offers are for a limited time only. Come in now!

LEBANON VALLEY IMPLEMENT CO., INC.

700 E. Linden St., Richland, PA 17087
(717) 866-7518

MF Massey Ferguson Your Business Machines

Customer Appreciation Days

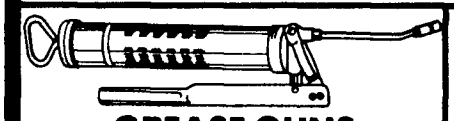
January 16 thru 21, 1984
8 AM to 5 PM

MF Massey Ferguson Your Business Machines

10% DISCOUNT ON ALL MF PARTS

Cash & Carry During The Week of January 16th - 21st

SPECIAL ORDER PARTS: 10% Discount with 25% Deposit, Balance To Be Paid On Availability Of Parts.



GREASE GUNS

- Loads three ways Cartridge Bulk Suction
- Knurled Barrel for positive grip
- Lever Gun develops over 10,000 P S I

List $9.15 SALE **$7.95**

- One hand operation Pistol Grip Gun

List $16.74 SALE **$12.25**

MF STEEL GUARDS

- **Made of forged steel for stronger guard.**
- **Case hardened for longer life.**

30029E1	30028E1	30036E1
N.H., J.D., M.F. (all combines) New Idea (platform #711, 713, 715)	Hesston, N.H. (all windrowers) Field Queen (620 windrower)	John Deere (mower #250-350) Ghel (mower conditioner)
$5.12	**$5.79**	**$7.03**

MULTI-PURPOSE LITHIUM GREASE

Especially formulated for heavy duty tractor and farm equipment wheel bearings where resistance to water washout and corrosion are important
14½ oz Cartridge 841618M1

99¢ Each Box of 10 **$8.90** Case of 50 **$42.50**

MF PAINT

Match or restore with original equipment colors

- Dries dust free
- Available in aerosol quart and gallon containers
- Will not wrinkle or blister
- Resists discoloring from chemical spills
- Cures to a hard luster finish

15% OFF Regular Price

PENETRATING OIL

- Fast Acting
- Cuts through rust and grime in record time
- Excellent manifold valve lubricant
- Easy to apply aerosol

10 8 oz Can **$2.95**

DIESEL FUEL CONDITIONER

- Keeps injectors clean
- Improves injector life
- Increases fuel economy
- Reduces diesel smoking
- One quart treats 50 gallons of fuel

15 fl oz can List 3 45
SALE **$3.10**

STARTING ETHER

- Starts stubborn engines in seconds
- Prolongs Battery life
- Sprays to 65° below zero

8 3 oz Can **$1.75** Case $18.85

CHAIN & OPEN GEAR LUBRICANT

- Positive Lubrication
- Coats chain open gears cables and other metal surfaces

16 oz. can **$2.60** Case $14.00

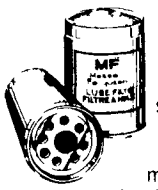
ENGINE DEGREASER

- Removes grease and oil
- Simply spray on and wash off with plain water 16 oz can **$3.35**

HAND CLEANER

- Cleans hands with or without water
- Contains anti septic
- Works fast

4½ Lbs **$6.25** 1 Lb **$1.70**

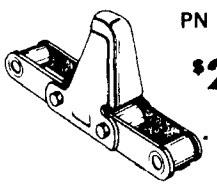


MF FILTERS

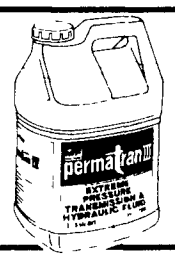
Filters for every need – specially formulated to give exactly the flow required Promotes better perfor mance and longer engine life

15% OFF Reg. Price

MF CORN HEAD GATHERING CHAIN ASSEMBLY



PN 241090M 91
$29.25



PERMATRAN III

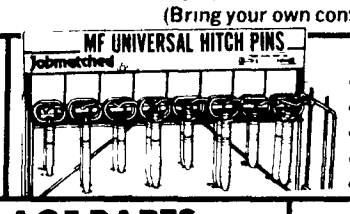
MF New Universal Transmission and Hydraulic Fluid saves inventory on the farm

Permatran III is recommended for worldwide use in tractor and implement hydraulic systems including those manufactured by John Deere International Harvester Massey Ferguson Ford Tractor J I Case Allis Chalmers and White Farm Equipment The fluids also meet Allison C 3 transmission and Caterpillar TO 2 friction test performance requirements

15% OFF REGULAR PRICE
(Bring your own containers and get bulk price)

LINCH PINS

7/16" Dia
30¢ or 4 for $1.00



	List	SALE
• 30 281 E1 3/4x6¼	3 00	$2.70
• 30 282 E1 7/8x6¼	3 90	$3.50
• 30 285 E1 3/4x4¼	2 55	$2.29
• 30 286 E1 7/8x4¼	3 65	$3.25
• 30 287 E1 1 x4¼	4 50	$4.05

TILLAGE PARTS

DISC BLADES

- High concavity for greater draft and more soil action
- Plain and notched styles for various field conditions
- Center holes sizes available to fit non Massey Ferguson machines

	SALE
• 20" Plain 7 Ga. 1904669M1 1 1/8x1¼	$15.18
• 22" Plain 6 Ga. 1904676M1 1 1/8x1¼	$20.96
• 22" Plain 6 Ga. 1904710M1 1 1/4x1½ Rd.	$20.96
• 22" Plain 6 Ga. 1904728M1 1 1/2x1¾ Rd.	$20.96

TWISTED CHISEL POINTS

- Heat Treated For Longer Wear & Metal Toughness
- ½" Thick For LONGER Wear

• DF4995VCR 3"x½"x22" RH	$7.95
• DF4995VCL 3"x½"x22" LF	$7.95
• SS4124RCO 4"x½"x23"	$11.75
• SS4124LCO 4"x½"x23"	$11.75

Fits Glencoe Landoll Master, Hiniker, Brillion & Others

PLOW PARTS

- Shins • Moldboards
- Shares

There is a difference — 3 layers of steel for

- Longer Life
- Shock Resistant
- Less Cracking

15% OFF Reg. Price

REVERSIBLE POINTS FOR FIELD & ROW CROP CULTIVATORS

• DF 10UB 1¾x¼x11 7/16 Bolt	$2.06
• IF 210UB 2x5/16x10½ 7/16 Bolt	$2.11
• IF 110UB 2½x5/16x10½ 7/16 Bolt	$2.70

LEBANON VALLEY IMPLEMENT CO. INC.

Richland, PA PH: 717-866-7518

HESSTON CORPORATION

Hesston 7650 4 whl. drive SP
Fox 3310 pull type
NI 802 Uni w/Harvester
Auto Roller Mill-Blower

TILLAGE EQUIP.

18' Amco Wing Disk
White #271 18' Disk
New Brady 1440 12' Shredder
New Bush Hog 15' & 20' Wing Mowers

USED TRACTORS

White 2-155 4 Whl. Drive 1982 500 hrs.
Oliver 1850 tricycle
Oliver 88
Oliver 77
Ford 6000 Dsl.
Farmall M
Hesston 480 4 WD., - 45 h.p., w/loader
Case 1210
IH 544 Gas, wide Front End
Hough 25B Loader w/52" bucket
Deutz 40-06
MF 1100D
AC 185 w/loader, 1200 hrs
AC B

USED HARVESTERS

MF 750 Combine 6R & 131 Grain Head
MF 410 D Combine
701 Uni
702 Uni
727 Husker w/3RN Head
Fox Super Dw/3RN Pickup
Fox 3310
Fox 2000, 2 RN Head
Fox 2310 2 Row N & Pickup
Fox 299 80" Flail Head
IH 830 w/3 row head and pickup
NI 323 Picker, used 40 acres
NI 324 & 325 2 Row Picker

USED EQUIPMENT

Glenco 559 Soil Saver
White 5100 4 Row Planter Dry Fert & No-till
JD 7000 4 Row Consv. Planter
AC 4R Planter
NI 270 Cut/ditioner
Bush Hog 7' Rotary Mower
Woods C80 Rotary Mower
NI 710 Combine
NI 725 3R Head
Kuhn 13' Tedder
Kewanee 20' Field Cultivator
JD 216 Wagon, 3 btr. & roof.
Hesston 5500 Round Baler
NH 277 Baler w/thrower
JD 336 Baler w/thrower
NI 484 Round Baler
Gehl 910 Fg Wagon, 3 btr. & roof
Hesston 1014, 12 Ft Hydro Swing Windrower
JD 2280 diesel 14' windrower
Westfield 744 auger PTO
EZ Trail Bin Wagon
Hesston 1400 gal. tank spreader
NI 214 Spreader, end gate
NH 327 Spreader
Walsh 500 gal skid sprayer w/30' boom

SPECIAL
Bervac 87" 3 pt. Snow Blower

STOLTZFUS FARM SERVICE
Cochranville, Pa.
215-593-2407

USED BELTING MATERIAL
RUBBER MATS FOR

Comfort stalls, Free Stalls
Horse Stalls, Horse and Cattle Trailers,
Hog Houses

Paul N. Brubacher
215-286-5298

PRICES REDUCED

(2) 1155 MF TRACTORS
(1) w/cab
(1) without cab
TRACTORS REDUCED
Low Hours
Will Trade
Weights and duals

717-733-8193

SPECIALIZING IN
GARAGE SERVICE JACKS

"NEW JACKS"
AJAX-WALKER
MODEL 95632
1½ TON - **$199.00**
List $363.00

REPAIRS
NEW & USED
WALKER • AUSCO
• HEIN • WERNER
WEAVER • BLACKHAWK

BEARTOWN HYDRAULICS
Rt. 322, Midway Between Honey Brook & Blue ball
Mon., Tues., Thurs. & Fri 7 AM - 5 PM
Ron Zimmerman
(717) 354-5649

Save

tagged for SAVINGS

Save

JANUARY **CLEARANCE**

WHILE THEY LAST

NEW TRACTORS

AC 7060 P.S. w/Cab & Air & Fully Weighted $29,900.00
AC 6080 (Demo) 390 Hrs, w/Front & Rear Wgts $16,900.00
AC 6060 w/Front & Rear Wgts $14,995.00

Note: All Prices above are Cash Prices w/Rebates already taken off.

NEW HAY EQUIPMENT

NH 495 12 ft Haybine — $10,995.00
NH 847 Auto-wrap Round Baler — $7,995 00
NH 1003 Bale Wagons — $9,995 00
NH 311 Baler w/#75 Hyd Thrower — $9,295 00
NH 1495 Hy S P Haybine w/Air & Cleaned Tires, Diesel — Call
NI 484 Round Baler w/Elec Tie — $8,525 00
NI 509 9Ft Mower Conditioner — $7,095 00
NI 565/560 Baler w/Bale Thrower — $8,925 00
NI 404 Wheel Rake — $1,150 00
NI 406 (9½ft.) Bar Rake w/Dolley Wheel — $2,095 00
NH Dual Rake Hitch — $465 00
NH 489 Haybine (old Price) — Call

NH 358 Grinder Mixer (125 Bu) — $8975.00
NH 847 Round Baler (Auto Wrap) — $7995.00
NH 679 (275 Bu.) Manure Spreader w/Hyd Endgate, Pan Att. — $6,495.00

Note: All New Idea Prices above are Cash Prices w/Rebates Already off
All New Holland Prices above are Eligible for New Holland programs now in effect

MISC. NEW EQUIPMENT

Behlen Corn Crib-12'8" FxL-15 865 Bu — $860 00
230 McCurdy Gravity Bin w/6 Ton Running Gear w/New Tires — $1,225 00
Century Field Sprayer 3 Pt Mounted 200 Gal w 8 ft Boom — $995 00

NEW FORAGE EQUIPMENT

NH 892 Forage Harvester w/Melatert (No Heads) — $12,695 00
NH 782 Forage Harvester w/1000 RPM & Elec Controls (No Head) — $10,250 00
NH 718 Forage Harvester w/540 RPM (No Heads) — $6,995 00
NI #621 (57" Fan) Forage Blower — $1,725 00
Just Arrive. NH 1900 Self Propelled Forage Harvester

Note: All New Idea Prices above are Cash Prices w/Rebates already off
Note: All New Holland Prices above are Eligible for New Holland Program's now in affect.

NEW UNI EQUIPMENT

802 UniTractor w/rearwheel Assist Air Cond Fully Wgted
868 Forage Harvester (8 knives) w/Drive Bundle
866 Uni Pickup Head
767 Forage Harvester (6 knives)
766 Pickup w/Gauge wheels

NEW CORN PICKERS

324/327 2 Row Wide w/12 Roll Husking Bed
325/327 2 Row Narrow w/12 Roll Husking Bed
323 Single Row Picker

Note: All Prices Above are Cash Prices w/Rebates already off.

MANURE SPREADERS

NI 352, 220 Bu. w/10-20 Tires, Upper Beater, Hyd Endgate, Front Box Ext . $5,695 00
NI 352, 220 Bu. w/10-20 Tires, Hyd Endgate $5,340.00
NI 382, 220 Bu Solid Plus Spreader . . $6,875 00
NI 384, 386 Bu Solid Plus Spreader $10,995.00
NH 679 (275 Bu.) Manure Spreader w/Hyd Endgate, Pan Att — $6,495 00
NH 519 Manure Spreader w/Upper Beater & Hyd Endgate — $5,795.00

All New Idea Prices above are Cash Prices w/Rebates already off
All New Holland Prices above are Eligible for New Holland Program's now in effect

NEW COMBINES

N-5 Combine w/15 Flex Header & N630 Corn - $69,995 00
FK2 Hy Combine Priced w/No Heads - $42,995 00
Straw Choppers For FKS Combines — $895 00

Note: All Prices above are Cash Price w/Rebates already taken off.

NEW HOLLAND

Take Advantage of New Holland Waivers And Cash Dividends...

- **Waiver on Hay Equip. til 7/1/84; Forage Til 9/1/84**
- **Waiver on Spreaders & Grinder Mixers to 4/1/84**

BUY ANY OF THESE PRODUCTS AND EARN A CASH DIVIDEND!

	Models 311 316 320 426 Balers	Pull Type Windrower or Mower Conditioners	Round Balers	Models 707 718 /82 892 1600 Forage Harvesters	Models 1003 1036 1037 1052 Bale Wagons	Models 1100 1116 1495 Windrowers	Models 505 1426 Balers	Models 1068 1069 1075 Bale Wagons	Models 1900 2100 Forage Harvesters
Earn for initial purchase	$300	$300	$300	$400	$400	$600	$600	$800	$1 000
Buy another product and earn an added	$900	$900	$900	$1 200	$1 200	$1 800	$1 800	$2 400	$3 000

Example Buy a Model 311 baler and earn $300 Then buy a Model 1003 bale wagon as your second product and earn an additional $1 200 Your total bonus for two products would be $1 500

Come in and see us for complete details.

USED EQUIPMENT

TRACTORS

AC 7020 P S w/Cab & Air & Fully Wgted $18,900

CORN PICKER & COMBINES & CORNHEADS

NI 324/1327 Cornpicker 2 Row Wide w/12 Roll Husking Bed
AC KKS Combine (1976) w/10 Ft. Header
MF 300 Combine w/Cab & 10 Ft Header
MH 82 Combine
2-MF QT 24 Corn Head (2 row wide)
AC KL 238 Corn Head (2 row wide)
AC A430 Corn Head (4 Row Narrow)

★ Coming In Used FKS2 Gleaner Combine (450 Hrs) w/A 430 Cornhead

USED HAY EQUIPMENT

2 NH 320 Balers w/Bale Thrower
NH 315 Baler w/Super Sweep Pickup — No Thrower
NH 282 Baler w/Bale Thrower
NH Super 68 Baler w/Thrower
IH #37 Baler w/Bale Thrower
NH 489 Haybine
NH 479 Haybine
IH 990 Haybine
JD 1209 Haybine
OMC S P Haybine
Hesston 5600 Round Baler
NI 256 3 PT Sickle Bar Mower

USED UNI EQUIPMENT

709 Uni Tractor w/Cab & Air, Rear Wh Assist & Fully Weighted
702 Uni Diesel Tractor w/Cab
702 Uni Gas Tractor w/o Cab
702 Uni Gas Tractor w/Cab
717 Uni Combine w/713 Grain Head
713S Grain Platform
2-767 Super Chopper Forage Harvester
760 Forage Harvester
774 4 Row Chopper Head
2-762 2 Row Wide Chopper Head
3-766 Pickup Heads
724 3 row Wide Stripper Head
729 A Supersheller
770 Ear Corn Adapter

USED FORAGE EQUIPMENT

NH 707 3 PT Mount Forage Harvester w/Corn & Grain Head
NH 822 2 Row Narrow Chopper Head
NH #36 Flail Chopper (6 ft)
(2) Brady #722 Flail Chopper (6 ft)
NH Super 23 Forage Blower

USED MANURE SPREADERS (Field Ready)

NI 218 (318 Bu.) Manure Spreader w/Hyd. Endgate
NI 213 (166 Bu) Manure Spreader w/3 Beater
Hawk Built 187 RH (180 Bu.) Manure Spreader
Starline 930 Tank Spreader L H 200 Bu
NH 346 Tank Spreader, RH

USED SKID STEER LOADERS

NH L325 Skid Steer Loader w/54 Bucket
Hydra-Mac 8C Skid Steer Loader w/52" Mat & Man. Bucket
Gehl 4400 Skid Steer Loader w/4 Buckets

ALLIS CHALMERS

ITCO
Dealer for ITCO Corp
• Over 9,000 items At Discount Prices

AVCO NEW IDEA

SPERRY NEW HOLLAND

SHARTLESVILLE FARM SERVICE

RD 1, Hamburg, PA
215-488-1025
H. Daniel Wenger, Prop.

RINGTOWN FARM EQUIPMENT

NEW EQUIPMENT

3288, demo	370 disc
784 RC w/TA	720 auto. reset 5 btm.
684, 4 wheel drive	2250 loader
1420 combine, demo	#50 Shredder

WHITE TAG SPECIAL
1420 Combine with 810 head

USED EQUIPMENT

1066 w/cab	Potato planters
1256	JD 2 row potato digger
706 Diesel	Ontario grain drill
IH 424	Vicon disc mower conditioner
Farmall 340	NH S69 baler
Farmall 70 hydro	IH forage blower
Farmall BN w/cultivators	Gehl 4500 Skid loader
2 Super C's	NH 1010 bale wagon
Super AV	IH 3120 backhoe
Haines bulk bodies	NH 512 spreader
Ziggy bulk body, 16'	Stone pickers
Mayrath auger 6"x27'	John Bean 3 pt. hitch sprayer
1500 Schwartz loader	Gehl grinder mixer
Massey Drill 16x7	

HARD WORKING VALUES
Waiver of Finance - Low Rate Financing
Low Cash Deals

RD 1, Ringtown, PA
717-889-3184
Since 1949

NEW TRACTORS IN STOCK
Waiver until March 1, 1984

* JD 1050, 33 HP
* JD 2550, SOLD
* JD 4050, 100 HP, Q.R., cab
* JD 4250, 1 SOLD, PS, cab
* JD 4250, 120 HP, 4WD, PS, cab
* JD 4450, 140 HP, 4WD, PS, cab
* JD 4450, 140 HP, PS, cab, duals

NEW COMBINES IN STOCK
Waiver until Sept. 1, 1984

* JD 6620
* JD 7720 2WD
* JD 643 corn heads
* JD 216 flex platform
* JD 220 flex platforms
* JD 653A row crop head

MISCELLANEOUS

* JD 450 spreader
* JD 235 dis SOLD '11"
* JD 260 loader
* JD 337 baler
* JD 347 baler
* JD 1008 rotary cutter 10'
* JD 1408 rotary cutter 14'
* JD 8300 drill 21x7
* Woods HD 315 15' batwing mower

We Cater To ALL Farmers, BIG or Small

JOHN DEERE **Cooper Ent., Inc.**

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301-755-6608

Evenings Call Gary
301-885-2248
or Billy 778-6024

TORQUE AMPLIFIER, CLUTCH & TRANSMISSION PARTS & SERVICE

Complete TA assemblies for 706-1586 are priced at $595 and come with a Dana Co Heavy Duty Sprag instead of the usual IH sprag **The Dana sprag is guaranteed for 2 years against failure.** Sprag kits (includes sprag gear, Dana sprag, and piston carrier) and all items for rebuilding your own TA are available to qualified persons Ramps and carriers for the older style TA's (as in SMTA, 340, 560) are priced at $150 each and carry a 90 day guarantee We have all the parts needed to rebuild your TA in stock at prices that will save you money. We also have a shop available for complete TA installation. Or, you may split your own tractor and bring the center housing to us, which we can rebuild while you wait (approx 4-6 hrs) We also stock New and Rebuilt Water Pumps, Dynlife Clutches, Pressure Plates, and PTO Drive Gears, (Spline-fit into pressure plates) for most IH tractors and combines

— QUALITY USED PARTS —

We buy and sell used parts and parts tractors We have a good selection of quality used parts at competitive prices Please have part no when calling, if possible

HEAVY DUTY CLUTCH SPECIAL
WILL OUTLAST ORIGINAL BY 3 TIMES

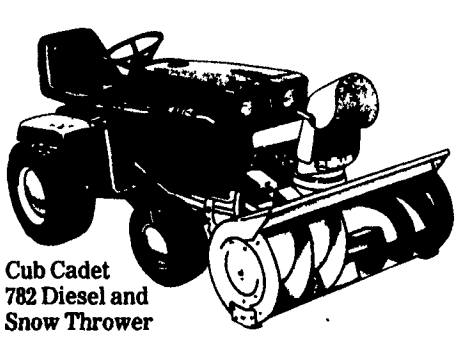
Heavy duty clutch disc & pressure plate for IH Louisville line of tractors, 451, 454, 464, 574, 674, 584 & 684 Features an 8 pad clutch disc & 9 spring pressure plate to replace the 3 spring pressure plate and 3, 4, or 6 pad clutch disc that came in these tractors from factories The design of our pressure plate provides considerable more lockup pressure w/o increasing required pedal pressure or causing a grabby clutch, and is proving to be an excellent clutch for tractors where clutch is subjected to severe use This combination is priced regularly at $350 Now $315

Dealer Discounts Available

J. EDWARD LEAMAN
Rt 1 Box 474
Willow Street, PA 17584
717-464-2874

See These Little Diesels At The Farm Show...

You Could Get Attached To One Of Them



Cub Cadet 782 Diesel and Snow Thrower

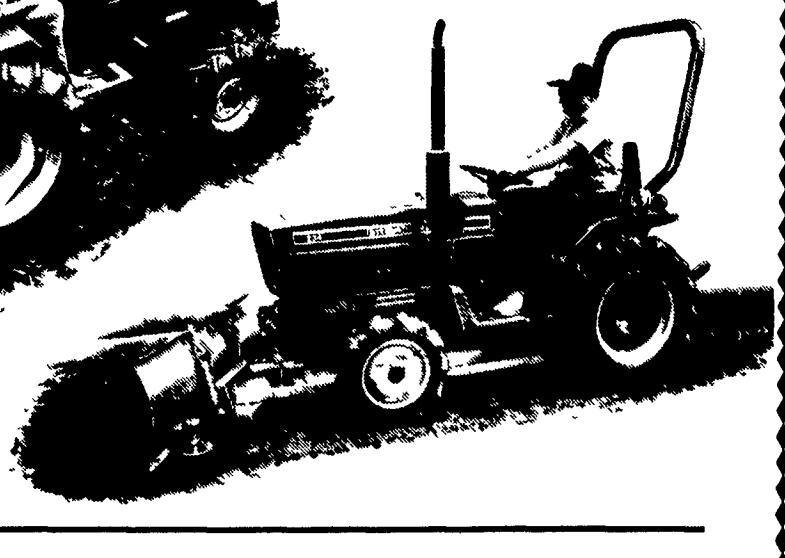
Especially The New 782 Cadet Diesel
The first American-made water-cooled diesel lawn & garden tractor. This Cub Cadet has a 3-cylinder diesel engine that develops 15 hp and features a hydrostatic drive for precise speed control.

Our International* compact diesel tractors give you the quality and productive features of high-horsepower tractors, scaled down to a practical size for lawn and garden.

Stop in soon and check out all the features that make this a little diesel you can really get attached to.

Tractor	PTO HP	PTO RPM
234	15.2*	540
244	18*	540 1250
254	21*	540 1250
274	27*	540
284	27.4**	540 1000

*Manufacturer Estimate
**Official Test



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Mountville, PA
Ph: 717-285-4538 .

Store Hours:
Mon. thru Fri. - 7 to 5:30
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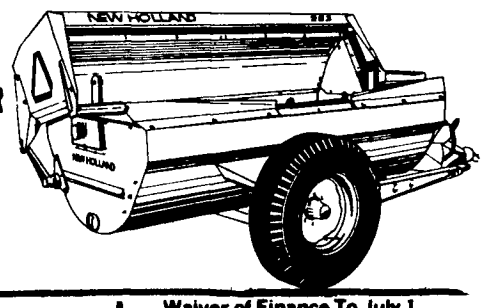
CERTIFIED SERVICE

TOLL FREE: 1-800-732-3525

NEW EQUIPMENT IN STOCK

NEW HOLLAND MODEL 363 TANK SPREADER
Was $4,595
Now **$4,295**



Waiver of Finance To July 1, 1984 on Hay Tools And Sept. 1, 1984 on Forage Tools...
OR
4.9%, 7.9%, 10.9% For 12, 24 or 36 Months Respectively

WHITE FARM EQUIPMENT

- WHITE 2-55 Tractor
- WHITE 2-65, 2&4 Wheel Drive
- WHITE 2-75 Tractor
- WHITE 2-85 Tractor
- WHITE 2-88 Tractor
- WHITE 2-105 Tractor
- WHITE 2-110 Tractor
- WHITE 2-135 Tractor
- WHITE 543, 4 & 6R Planter, No Till
- WHITE 5100, 4 & 6R Planter, No Till
- WHITE 254 10' 4" Disc
- WHITE 348 SAR Plow
- WHITE 508 SAR Plow
- WHITE 466 Chisel Plow
- WHITE 285 Field Cultivator
- NH L425 Loader
- NH 707, 718, 782, 892 Harvesters
- NH 310, 311 & 315 Balers
- NH 847 Round Baler
- NH 80 Bale Mover
- NH 488, 489 & 1495 Haybines
- NH 256 & 258 Rakes
- NH 38 Crop Chopper
- NH 28 & 30 Blowers
- NH No. 8 Forage Box
- NH 513, 519, 679 Spreaders
- NH 363 Tank Spreader
- NH TR75 Combine

KUBOTA We're looking for work.

bobcat 642 & 743

WOODS Division of Hesston Corporation

TYE No Till Drill

GLENCOE 7 Tooth Soil Saver

USED EQUIPMENT

HAYTOOLS
- NH 30' Elevator
- NH 56 Rake
- NH 268 Baler w/Thrower
- NH 68 Baler w/Thrower
- Oliver 620 Baler w/Thrower
- Gehl 880 Mower Conditioner

COMPACT TRACTORS
- Kubota B6000 E w/Woods RM 59 Mower
- Farmall Cub Lo-Boy
- Farmall Cub w/Snowplow, Plow, Cultivator And Sickle Bar Mower

SPREADERS
- NI 212 Spreader
- NI 214 3-Beater w/Hyd. Endgate
- NH 512 w/Hyd. Endgate
- NH 346 Tank Spreader, LH
- NH 367 Tank Spreader, LH

TILLAGE - PLANTING
- White 5400 Planter
- JD 1240 4-Row w/Monitor
- IHC 550 5-16 Plow
- Oliver 348 3-16 CT Plow

TRACTORS
- Oliver 1755 w/Cab

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Honey Grove, PA 17035 - Phone 717-734-3682
Located 14 Miles South of Port Royal on Rt. 75

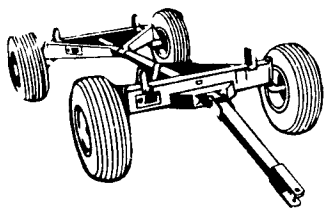
CENTRAL TRACTOR FARM & FAMILY CENTER

FARM SHOW SPECIALS

VISA MasterCard

Hurry!

Sale prices good now through Sat., Jan. 14, 1984



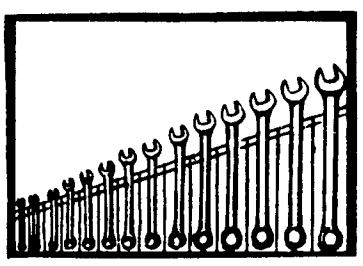
Central Tractor
Wagon Gears

Featuring one piece steering rod, all welded construction, rear hitch, and pressure type grease fittings Bolster stakes can be set at 38" or 42" width Gear capacities are gross weight at farm tractor speeds All units come less tires

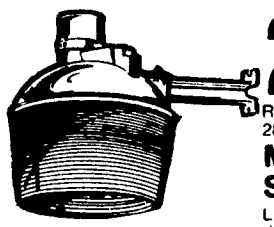
6 Ton
80765-046 Reg 419 99 **359.99**

8 Ton
80772-046 Reg 479 99 **429.99**

10 Ton
80780-046 Reg 569 99 **499.99**



16.99
Reg 19 99 / SAVE 3 00
14212-022
14 Pc. SAE Wrench Set
Drop forged combination wrench set-SAE Chrome plated Size range ¼ to 1¼

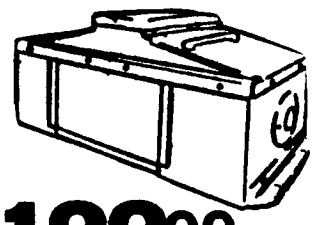


29.9
Reg 39 99 / SAVE
28200-311
Mercury Va Security Li
Light turns on at dusk and off at M vapor bulb gives tim lighting capacity w average bulb life co with aluminum ort photo control and war

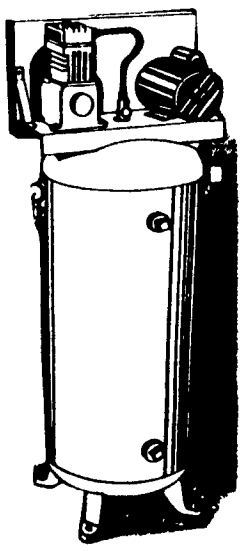
NITE-HAWK

Terramycin A&D fortified and Medicated Crumbles
50 lb bag
$9.99
10 or more $8.99

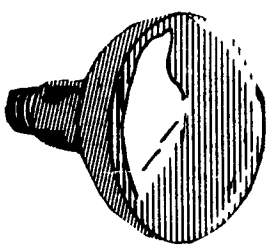
4.29
Reg 4 99 / SAVE 14%
9588-055
Hanging Brooder Lamp
Hanging reflector complete with porcelain high heat socket and wire guard for the bulb Complete with 6', 18 gauge wire and plug UL approved



122.99
Reg 139 99 / SAVE 17 00
22288-176
Heated Pressure Hog Waterer
Low water level fountain assures fresh clean water all the time Unit is self cleaning and will serve 50 hogs Valve flow rate is 85 GPH at 50 PSI Electric heat Size 28' x 11" x 11'



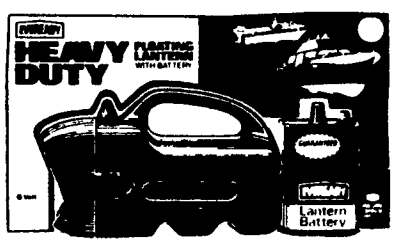
699.95
Reg 769 95 SAVE 70 00
18397-106
5 Hp. Air Compressor
Highly efficient medium-duty industrial air compressor with cast-iron twin cylinder 1 stage pump 5 Hp 230 V single phase electric motor It pumps 15 1 cfm at 40 p s i Features a 60 gal tank totally enclosed belt guard for safe operation, bleeder type pressure switch for loadless starting
Stock Limited - Customer Orders Accepted.



1.59
Reg 1 88 / SAVE 15%
11432-133
Clear Heat Lamp

3.99
Reg 4 79 / SAVE 16%
11433-133
Infra Red Bulb

5.99
Reg 7 99 / SAVE 2 00
17527-108
Waterproof Lantern With Battery
Perfect for hunting fishing camping or around the farm or home Drop it in the water or leave it in the rain it keeps the 6 volt spring terminal battery dry inside



Rock Share
BROKEN SHARE REPLACED FREE!
As Long As Share Is Not Worn Out.
Applies only to Rock Shares

The extra heavy duty long-wearing share is made of top quality spring steel Extra material is added to the nose of the share making it wear twice as long and extra strong to eliminate breakage Our extra heavy duty plow shares wear as long as any other share on the market Order bolts separately from listing as blade price does not include bolts Front hole uses 1½ long bolt **Made in USA**

FOR ALLIS CHALMERS
Uses ⅜ Clip Head Bolt

Size	Stock No	Price
All 14 except 375 387 series	16017 002	8.99
14 375 series	16054-002	8.99
16 375 series	16087-002	9.49
All 14 and 16 387 series	16082-002	9.25

FOR CASE
Uses ½ front bolt, ⅜ on others

14 4 hole	16019-002	8.29
16 3 and 4 hole	16056-002	8.99
16 4 hole short	16078-002	8.99

FOR JOHN DEERE
3 hole uses 7/16 bolts, 4 holes uses one ½ & three 7/16 bolts

14 3 hole	16020 002	7.49
14 4 hole	16021 002	7.49
14 4 hole short	16040 002	7.49
16 3 hole	16022 002	7.99
16 4 hole	16023 002	7.99
16 4 hole short	16057 002	7.99
18 5 hole	16095 002	8.99

FOR FORD
Uses 7/16 Clip Head Bolts

14 3 hole	16024 002	7.49
14 3 hole short	16039 002	7.49
14 4 hole	16058 002	7.49
16 3 hole	16025 002	7.99
16 4 hole	16072 002	7.99

FOR IHC
3 hole uses 7/16 bolts, 4 hole uses one ½ & three 7/16 bolts

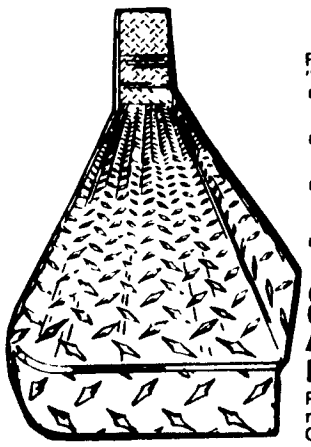
14 3 hole	16026 002	8.29
14 4 hole	16027 002	8.29
14 3 hole short	16073 002	8.29
14 4 hole short	16074 002	8.29
16 4 hole short	16075 002	8.59
16 3 hole	16028 002	8.59
16 4 hole	16029 002	8.59
18 4 hole	16096 002	9.49

FOR MASSEY FERGUSON
Uses 7/16 bolts, 4 hole uses one ½ & three 7/16 bolts

14 3 hole	16026 002	8.29
14 4 hole	16027 002	8.29
14 4 hole	16059 002	7.49
16 4 hole	16060 002	7.99
18 4 hole	16097 002	8.99

FOR OLIVER and MINN.-MOLINE
Uses 7/16 Clip Head Bolts

14 4 hole	16035 002	8.29
14 4 hole short	16041-002	8.29
16 4 hole	16037 002	8.99
16 4 hole short	16042-002	8.99
16 & 18 5 hole for Oliver only	16088 002	9.49



69.99
Reg 79 99 / SAVE 10 00
'73-84 Chevy & GMC 25157-314

74.99 Reg 84 99 / SAVE 10 00
72-84 Dodge 25159-314

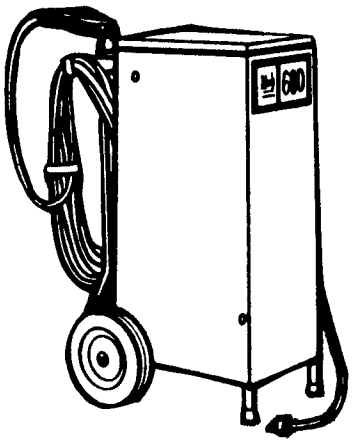
79.99 Reg 89 99 / SAVE 10 00
73 79 Ford 25158-314

79.99 Reg 89 99 / SAVE 10 00
80-84 Ford 25186 314

79.99 Reg 89 99 / SAVE 10 00
82-84 Chevy S10 25421-314

84.99 Reg 94 99 / SAVE 10 00
'83-84 Ford Ranger 25446 314

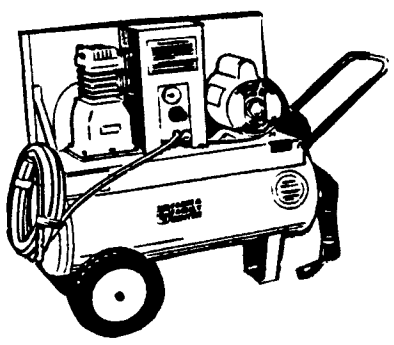
Alum. Tread Brite Running Boards
Protects your pickup's body from rock chips and mud splattering Chrome-like finish will not rust or peel Mounting brackets and hardware included Many other applications available on special orders $10 00 off our Everyday Low Prices



319.99
Reg 339 99 / SAVE 20 00
25402-293
High Pressure Washer
Handy cart mobility 500-600 psi automatic mixing for easy cleaning and spraying Built-in tank eliminates the need for bottles etc Special duty ¾ Hp motor 5-way valve selects cleaning phase desired 100% chemical metered chemical rinse tank filling and off 2 gpm pump 6 ft grounded power cord 35" high 15½" wide, 18¼" deep Requires 15 amps power at 115 volts
Industrial High Pressure Washer w/1½ H P motor and 1000 PSI
25468 293 **SALE 549.99**

3.39
Reg 4 19 / SAVE 19%
16281-077
Button Blow Gun
Meets OSHA 150 psi inlet, maximum nozzle pressure 30 psi An indispensable item for use around shops service station Any place where you have an air hose ¼" NPL inlet

79¢
Reg 91¢ / SAVE 13%
28091-096
Homelite® 32:1 2 Cycle Oil
A high quality oil made specifically for use in Homelite chain saws 8 oz can

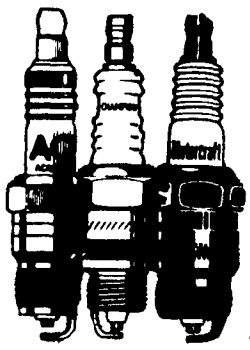


184.95
Reg 194 95 / SAVE 10 00
17980-106
½ Horsepower Air Compressor
10 gallon tank 3 4 CFM displ 2 2 CFM at 40 p s i Dial-O-Matic control with easy to read gauge enables you to dial the pressure desired-no additional regulator needed
15' Air Hose 17791-106 **NOW 5.99**

49¢
6 ounces / 28012-096
Reg 59¢ ea / SAVE 16%

1.59 1 Quart / 28020-096
Reg 1 79 / SAVE 11%

CT Lube 2 Cycle Chain Saw Oil
C T Lube is B I A certified Specially formulated to be used in many of todays modern chain saws Recommended for all McCulloch Homelite Poulan, and Lombard chain saws



LIMIT 16
Per Customer

86¢

Reg 1 07 / SAVE 19%

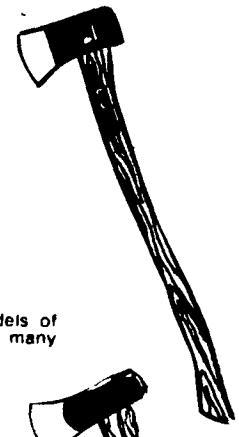
AC, Champion, or Motorcraft Spark Plugs

For most makes and models of cars trucks tractors, and many other engines

99¢

Reg 1 27 / SAVE 22%

Resistor Plugs



8 49

Reg 9 99 / SAVE 1 50
20098-149

Single Bit Axe

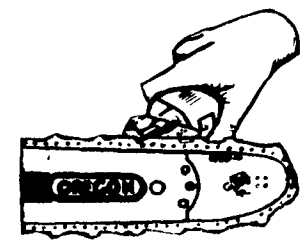
3½ lb felling axe has drop forged head with 32" handle of hardwood laquered Handle is permanently bonded with exclusive fixative process

15 99

Reg 17 99 / SAVE 2 00
19975-149

8 Lb. Wood Chopper's Maul

Forged high carbon steel head on 36" axe eye hardwood handle An indispensable tool for the serious wood chopper **Made in USA.**

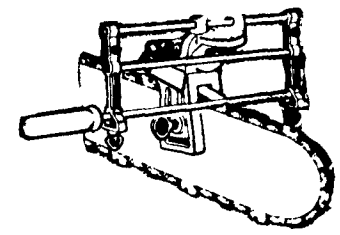


19 99

Reg 23 99 / SAVE 4 00
79682-353

Electric Sure Sharp®

12-volt chain saw sharpener Quick adjust sharpening guide to obtain uniformly ground cutters Built-in depth gauge Easy to use Comes with 2 sharpening stones



10 99

Reg 15 88 / SAVE 4 89
79020-353

Sure Sharp®

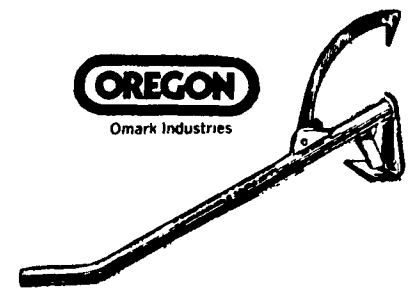
Guide clamps on to chain saw bar Guide sets correct angle for file to ensure perfect saw chain cutter sharpness everytime Takes the guessing out of filing cutting chain Includes file handle

4 49

Reg 5 49 / SAVE 1 00
27802-285

Golden Choice Dog Food

25 lb bag of Golden Choice is a complete food supplying all the nutrients necessary to keep your dog in healthy, alert condition

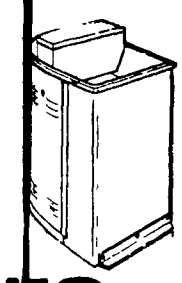


18 99

Reg 22 99 / SAVE 4 00
79781-353

Log Jaw®

Clamps into big logs then rocks back to hoist them off the ground Prevents accidents and damage to sawchain Sturdy all-steel construction

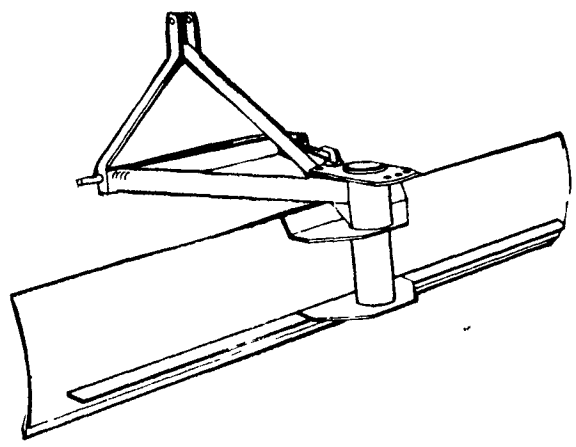


79 99

/ SAVE 24 00

Cattle
er

with a preset thermostat heating element Float jacket are fully insulated It galvanized steel drinker and plug for easier clean- Water trough is porcelain x30 ' Serves 80 cattle



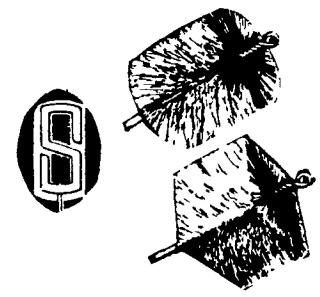
SAVE Up To 20⁰⁰

Three Point Tractor Blades

6' 30 Hp Rating
20250 157 Reg 119 99 **109 99**

6' 35 Hp. Rating
20229-157 Reg 159 99 **139 99**

7' 35 Hp. Rating
20225 157 Reg 179 99 **159 99**



Chimney Brushes

6" Round
12394-340 Reg 8 10 **6 79**

8" Round
12387 340 Reg 9 69 **8 29**

8" Square
12407-340 Reg 13 99 **11 49**

49 99

SAVE 20 00

BTU
Heater

portable burns kero- fuel oil consumes less per hour 8 gallon tank ignition and automatic control

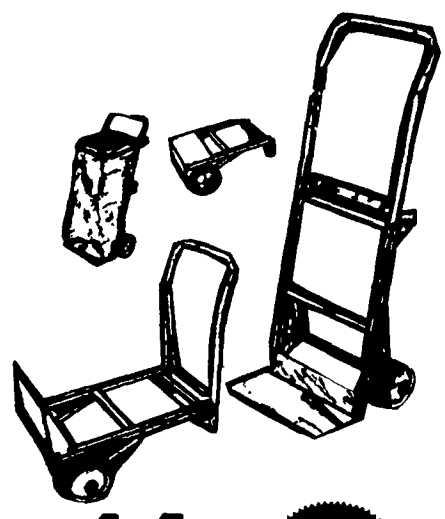
SALE 329.99
Reg 349 99

17 99

Reg 20 88 / SAVE 2 89
27800-265

50 Lbs. Milk Replacer

Higher quality than many milk replacers on the market Compare for yourself and see the difference the quality can make in your animals

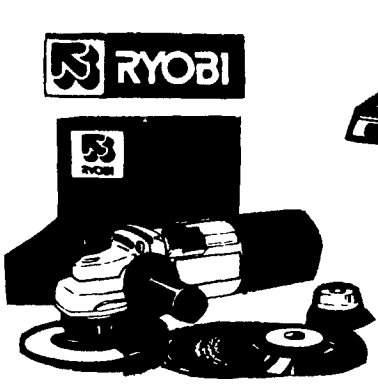


14 99

Reg 16 99 / SAVE 2 00
30257-423

Kart All II 4 Wheel Dolly

It's versatile-carrying power for a 1000 or more jobs It's compact stores away in a small space-easily fits into the trunk of a car 300 lb capacity as a hand truck and 600 lb capacity as a dolly Model 4WKX

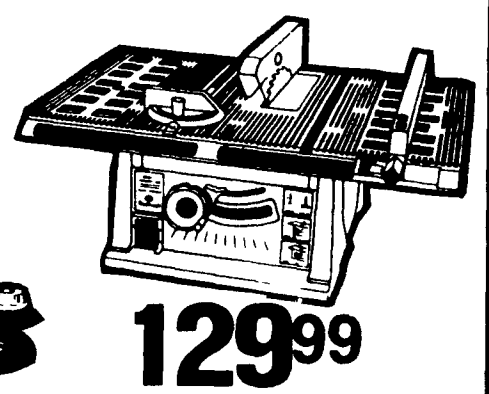


119 99

Reg 129 99 / SAVE 10 00
30173-423

4½" Grinder Kit

Lightweight and compact gets into tight spots Side handle mounts on either side 11 000 r p m for fast stock removal Includes 4½ grinding wheel wheelguard wheel flanges side handle spanner and owner's manual

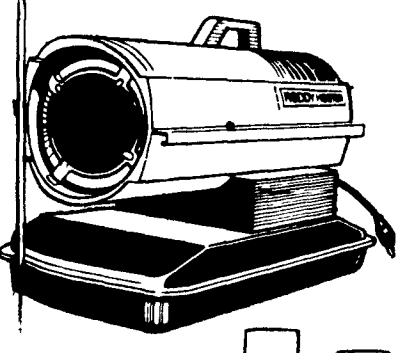


129 99

Reg 144 99 / SAVE 15 00
30240-423

10" Bench Table Saw

You can Rip Cross Cut Miter Bevel and Dado 10' blade depth of cut 3⅛ @ 90° 1½ Hp high torque motor, 17" x 26" heavy duty cast aluminum table see-thru blade guard with anti-kickback pawls & spreader rip scale in inches & millimeters and locking key type On-Off" power switch Model BTS10 **U. L. Listed.**



129 99

Reg 149 99 SAVE 20 00
24000 260

30,000 BTU Space Heater

Completely portable burns kero sene or #1 fuel oil operates up to 13 hours on a 3 gal tank of fuel relia ble solid state ignition and auto matic flame out control

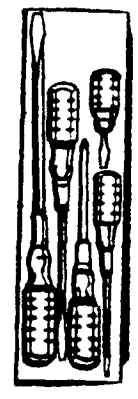
Thermostat for Space Heaters
23981 260 35 99

59 99

Reg 69 99 / SAVE 10 00
13687-022

21 Pc. ¾" Dr. Socket Set

Chrome vanadium steel Set includes 20 ratchet 8 extension 4 extension 19½ sliding T handle 16 sockets 7/8' to 2



5 89

Reg 6 98 / SAVE 1 09
13539-022

5 Pc. Irwin Screwdriver Set

Made in U S A. High quality carbon tool steel blade heat tempered for greater strength Natural finish contoured birch handles are more comfortable to use Hard wood handles resist oil and grease

3 For

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Reg 78¢ ea / SAVE 15%
18259-234

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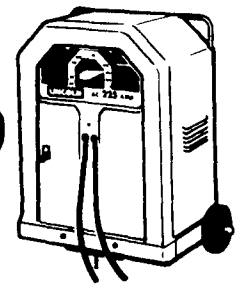
Bottle fits new gas tanks 12 fluid ounces

Lincoln 225 Amp Arc Welder

Includes ground clamp Insulated electrode holder, 15' electrode cable, 10' ground cable, 6' input cable with plug, female receptacle and helmet Uses 220 volt, 60 cycle power source Wheels not included *Regular prices may vary locally*

Welding Glove NOW 5.19
18039 115

AC/DC Lincoln 225 Amp Arc Welder 18121 115 NOW 274.99



139 99

Reg 148 99 / SAVE 9 00
18040-115

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SPREADER

NEW
NH #358
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$7,800

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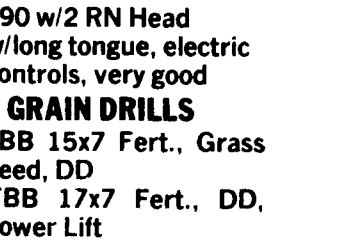

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Would anybody give $37,000 for a brand new JD 4440 cab, air, quad range?

COMING NEXT WEEK
IH 1256 w/Exc. Cab
IH 1466 Cab & Air

Farmall 966 No Cab
Farmall 826 Diesel, recently overhauled
JD 4320 Tractor
JD 4430, Cab & Air QR, 2300 hrs. new in Sept. 1977
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IH 1086 w/cab & air
Case 1030 w/excellent cab, would sell cab separate
Massey 1100 Dsl. Wheatland, no 3 pt. hitch
JD 210 Disc 13'6" wide
JD 4B Semi Mtd. Hyd. Reset Plow
JD 158 Loader
IH 2350 Loader
Uni 705 Diesel w/740 Throat & & 844N Corn Head
NI Snow Blower for Uni Tractor

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Midway between Lancaster & Quarryville off Rt. 222 take Brenneman Road at Graybill Bros. Garage, Refton.

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JD 4440 PS w/Cab 917 Hrs (Sharp)
JD 4040 QR w/Cab 1300 Hrs
JD 650 Repo w/Turf Tires
JD 820 3 cyl Diesel
MF 265 Diesel
MF 135 Gas w/Loader
IH Farmall M Tractor
IH Farmall Cub w/Rotary w/Sickle Bar
Oliver 66 Gas
AC 190xT Series III Diesel

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JD FB-A Grain Drill
JD 727 13' Rotary
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Badger Blower	1,995 00
Badger Ear Corn Mill	8,900 00
Badger 220 Bu Spreader	4,900 00

Coming

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Friday
Jan. 13, 1984

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QUALITY LATE MODEL FARM EQUIPMENT

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JD 4030 Cab, Air, Quad, 1219 hrs., 1977
JD 4240 Dsl., cab, air, quad, very nice
JD 4230 Dsl., cab, air, quad
JD 4520 Dsl., Very Good
JD 4030 Dsl. Cab and Air
JD 4430 Dsl., Cab, air, quad, very nice
JD 4430 Dsl., WF, Rops
JD 4230 Dsl. Power Shift, fender tractor, very good
JD 4020 Dsl. WF, Cab, Power Shift, dual Hyd. excellent
JD 4020 Dsl., side console power shift, JD rollguard cab SOLD
JD 3020 Dsl. WF, side consold, rebuilt engine, ex. cond.
JD 3020 Gas Row Crop
JD 2940 Dsl w/148 Loader, 1300 hrs., ex. cond.
JD 2630 Dsl. WF, Independent PTO SOLD
JD 2030 Dsl., independent PTO, very good
JD 2040D Utility
JD 820D 3 cyl. 8 speed
JD 830D, roll guard, cab with heat and air
JD 301 w/loader,3 pt. hitch, PTO, very good
IH 1066 Dsl. Year Round Cab and Air
IH 1466 Dsl. Cab, Air, Very Nice
IH 1206 Dsl WF
IH 806 Dsl., wid SOLD nt
IH 966 Dsl. w/cab, very nice SOLD
IH 686 Dsl WF
IH 856 Dsl. WF 38" rubber, new TA, very good
IH 84 Hydro, 1600 hrs., 1980 model.
IH 766 Dsl. WF, w/cab & air, very nice
IH 656 Gas, 3 pt. hitch
AC 185 Dsl., wide front, nice
AC 7000 Dsl. Power Shift, Cab and Air
AC 220 Dsl. WF, very nice
AC 200 Dsl. w/cab, excellent
White 2-85 Dsl. WFE
Ford 8600 Dsl., dual power
Ford 7600 Dsl., very good
Ford 6600 Dsl., very good
Case 1030 Dsl., w/cab
Case 1190 Dsl., w/loader (new)

CORN HEADS
AC 430 FG-C SOLD
MF 24, 43, 44
JD 243, 244, 343, 443, 444, 643
IHC 227

HARVESTERS
JD 3800 w/2RN Head & Long Tongue
NH 38 Flail Chopper, Ex. Condition
NH 890 w/2 RN Head w/long tongue, electric controls, very good

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JD 8300 18x10 Double Disc, liquid fert. and press wheels, like new

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JD 210 12'
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JD AW 10'-11'6"-13' All very good
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JD 7000 4R Wide, Dry Fert. & Insect.
JD 1240 4-Row plate and plateless w/disc openers, liquid and dry fert. and insect
IH 56 4-Row Dry Fert.

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JD 336 Twine w/thrower, nice
Hesston 5400 Round Baler
NH 277 w/thrower
NH 276 w/thrower
NH 851 Big Round, auto wrap, like new

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NH 400, very nice
NH 358 w/folding auger new, priced right)
Brady 950 hydra drive
Gehl 65, excellent

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Fahr 17' hay tedder
Case 3 pt. 16' Wing Fold Field Cult.
JD 3 pt. 18' Hydraulic Wing Fold Field Cult.
JD 350 Rake w/rubber mtd. teeth
IH #55 7 tooth chisel plo SOLD
Glenco 10 tooth Pull Type Chisel Plow
Brady 7 or 9 tooth 3 pt. Chisel Plow
JD 1700 mulch tiller, 9 or 11 chisels
JD 45 & 55 Quick Tach Feeder Houses, very good
JD Hay Pickup w/Gauge Wheels
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Gehl 99 Blower
NH #489 Haybine, very nice
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Servis 12' Rotary Mower
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JD cab to fit 1020, 1520, 2030, or 2630

COMBINES
1975 JD 4400 Dsl., w/cab, very good choice of heads
1980 NH TR70 cab and air, hydro 3208 cat dsl. 700 hrs., like new w/15' Flex Grain Platform
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NH 975 Combine, Cab, 13' Quick Tach Platform and Pickup Reel, $3650.
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JD 453A Row Crop Bean Head

GOOD SELECTION OF GRAIN PLATFORMS AND CORN HEADS TO FIT MOST COMBINES

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PLOWS
IH 4 & 5 Bottom Semi Mtd.
IH 140 4x16 roll over
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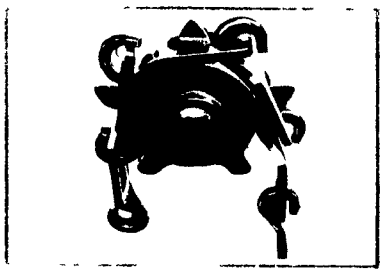
NI #12 manure spreader. Syracuse 2 way plow, exc. cond.; AC C tractor. 717-949-3074.



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584 diesel, 4 wheel drive, 52 HP	17,600
684 diesel row crop, TA, 18.4x30 rear tires, 62 HP	17,200
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4500 16' vibra shank field cultivator	2,800
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881 forage harvester w/2 row corn head and grass head	18,000

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One Only
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Round Baler
$8,200
Cash

LOCAL GROWN USED TRACTOR

1066, 130 HP, 1975 model, 20.8x38 rear tires, one owner, we sold it new, we serviced it, used 2500 actual hrs., guaranteed
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Waiver of finance available until 3/1/84.

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1066 Black stripe, cab, exc cond	17,500	IH #56 four row double disc planter	1,850
3200 skid steer loader, new paint	5,000	IH 400 6 row planter, no-till	3,750
JD 430 wide front	2,500	Athens model 131 13' HD disk harrow equipped with Buster Bar and 4" cylinder	5,650
IH 37 baler w/thrower	1,450	JD #130F 4-14 3 pt plow	850
IH 37 baler w/thrower	1,450	IH 700 5-16 auto reset plow	2,950
IH 47 baler w/thrower	1,850	IH 700 4-16 auto reset plow	2,250
IH 430 baler w/thrower guaranteed	2,750	IH #16 rake, one owner	1,350
IH 37 baler	1,200	IH #35 rake, 3 years old	1,875
Papec blower good condition	650	IH 990 7' & 9' mower conditioner	
IH 56 blower new ring, excellent	1,800	IH #530 3-14 3 pt. plow	650
AC blower	400	IH 710 3-16 reset semi-mount plow	2,750
IH 830 harvester w/2 R corn head	6,500	IH 540 4-14 semi-mount trip plow	750
IH #93 combine	2,500	Farmhand loader	475
500 gallon Walsh sprayer	1,200	Badger forage box	1,400
JD #345 4-16 reset plow, exc.			
IH 370 disc harrow 11'6"	2,250		
NH 880 harvester w/2R corn head	3,700		
IH 530 manure spreader	',500		

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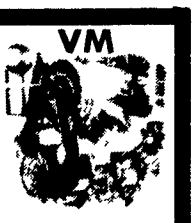

VM

2 Cyl. F2L-912 **SU-1052**

USED DIESELS
(1) SR-3 Lister
(3) SR-2 Listers
VM 1306, 180 H.P

- Used Wisconsin, as is - Call for Details

CHECK OUR PRICES AND LABOR RATES

FOR 24 HOUR SERVICE CALL:
717-687-6874

Oil in Bulk - Bring Your Own Container

James E. Horst
INDUSTRIAL ENGINE SALES AND SERVICE
152 Black Horse Rd., Paradise, PA 17562

USED TRACTORS

- JD 4240 quad, range, cab & air
- JD 4430, cab, air, quad range trans.
- JD 4430, power shift, roll guard
- JD 4430 powershift, cab & air
- JD 4320, no cab
- JD 4320 w/cab, sharp
- JD 4520, new tires
- JD 4520, new tires
- JD 4520 w/cab & duals,
- JD 4320 w/rollguard
- JD 4020, power shift
- JD 2940, w/roll guard w/500 hrs.
- JD 2640 w/700 hrs.
- JD 2020 diesel
- JD 3020 gas
- JD 3020 Diesel, Syncro
- JD 3020 powershift
- JD 2030
- JD 720 diesel electric start
- IHC 986 cab & air, sharp, 1000 hrs.
- IH 966, cab and air
- IH 1466 w/cab .
- IH 766
- IH 1256 w/cab
- IH 656 wide front
- IH 574 w/loader
- IH 544 diesel
- Ford 9600
- AC 7030 w/cab, real nice
- AC 7030
- AC 210 diesel
- White 4-180 w/duals, quick coupler, used 2000 hours
- MF 1105
- MF 1100

USED COMBINES

- JD 7700 diesel w/6 row corn head
- JD 6600 Diesel
- JD 4400 w/4R cornhead
- JD 55 corn special
- Oliver 525 w/2 heads, exc. cond.
- NI 702 tractor w/710 combine
- NI 702 w/chopper & 3 row head

USED HARVESTERS

- Fox 2 row snapper head
- Used Moridge grain dryer
- Late Model NI 702 uni tractor w/767 Super Chopper, 3 row head & pickup head
- Fox 2000
- Fox Custom 90
- NH 770 w/2 heads

MISCELLANEOUS

- 1980 Chevy tandem w/26' Jerdan rollback, like new
- JD power till grain drill
- IH 510 grain drill
- IH Bigroll baler
- JD 346 wire baler w/thrower
- JD 346 twine baler w/thrower
- NH 278 baler
- Keewanne 20' hydraulic fold disc
- JD 21' hydraulic fold disc
- Large selection of smaller discs
- Large selection of plows from 3 to 7 bottom
- Gehl 4400 skid steer loader
- NH 469 haybine
- New Farmhand loaders for IH and JD tractors

D & R EQUIPMENT INC.

Ringoes, New Jersey (201) 782-5082

WENGERS INC.

251 SOUTH RACE STREET, MYERSTOWN, PA 17067

PHONE: 717-866-2135

NIGHTS, PHONE: 717-866-7147 or 717-273-9089

ONE STOP SHOPPING - FINANCING AVAILABLE - TRADES WELCOME - REASONABLE PRICES

FARMALL TRACTORS

1066-No Cab ..... Coming in
Cub-Late Model w/Rotary .. $3850
200 w/FH $2000
806D-TRY-FH $5500
856D-WF-3 pt. $7500
856 w/Cab-WF-FH $8500
C - Good Rubber. $1500
384 - 600 Hours - Nice $7850
(2) 756 Diesel-WF-FH-Choice $6850
1256 w/Cab - Air - Nice ... $10,450
656D Hydro $6350
1066 Red Cab - Nice $13,950
154 w/Rotary Mower - Nice . $3850
1256 w/Cab - Clean. $10,950
Cub w/Fast Hitch $2450
674D - 1974 ..... $5950
Cub w/Cult. $1850
15-30 - Antique $1750
1066 w/Cab - 1973 ..... $11,100
560D-WF-FH-Nice $3950
706D. ..... Coming in
1466 w/Cab - Bad TA $7500
Cub - Mower - F.H. -
Snow Plow - Chains $2500
(2) 140 w/Rotary
Mower ..... $4500 & up
544 Hydro w/Forklift $5750
706D WF 3 pt. - Nice $6450

FORD

8700 Cab - Air - 1977 .... $13,950
2000 w/Mower - Nice $4450
600 w/Loader $3250
9000 ..... $6000
5000D $5450
(4) Antique Fordsons ... $800 & up
8N w/Loader. $2450
8600 - 1974 ..... $8950
9000 w/Cab ..... Coming in

ALLIS CHALMERS

D21 Series II w/Cab - Air ... $7850
G w/Hyd. & 4 Tools $2500
WD45 w/Plow. $2000
(2) G w/Rotary Mower $1850
200 w/Cab - Nice $9850
220 w/Cab $9450
185D - Nice $8500

OLIVER — DEUTZ — LEYLAND — KUBOTA

1950T - Over/Under. $8100
880 Gas - 3 pt. - P.S.. ..... $2950
1855 - Nice. $8750
Leyland 384 ..... $4650
Oliver 1355 w/cab-As is $5500
2-105 Clean $11,950
1855 w/Cab - Nice $9850
1755 - Nice. $8850
Deutz 10006 - 4WD - Nice
..... $14,500
Kubota L245-Demo .... Coming in

JOHN DEERE

4020 D ..... Coming in
4020 D w/Cab-Diff Lock $8500
330-Nice. ..... Call
JD 420 ..... Coming in
JD 720 Gas. ..... Coming in
4020 Gas $5950
4020 Console - Cab -
Gas - Clean. $7950
4620 - P. Shift - Nice $12,450
4320 ROPS - WTS. $11,100
4320 ..... $10,950
5010. ..... $6850
(4) A ..... $595 & up
50 ..... $1450
4230 - ROPS - 1976 ..... $11,100
4030 - Syncro - 1974 - Nice $10,500
2840 - Clean - 1978 ..... $11,950
4520 - Nice. $8100
720 LP w/3 Point $2000
"G". $1450
60 w/NI 2x Picker. $3000
"D" - Antique $2000
"B" - Unstyled - Nice $1950
"A" - Unstyled - Rough. $795
4430-No Cab ..... Coming in

"9" 4 WHEEL DRIVE TRACTORS From 30 HP to 175 HP

Ford County 6 - 3 Pt - PTO .. $5950
Case 2470 - Cab - 3 Pt -
PTO - 1973 ..... $13,400
MM AT4-1400 - 3 Pt - PTO
As Is $4950
White - 4-150 - Cab - 3 Pt -
PTO. $13,400
Mitsubishi Bison - New - 4WD
30 HP $7850
Deutz 10006 - 4WD - Nice $14,500

CASE

VAC - Nice $1250
(3) 930 Standard. ..... From $2500
1270 w/Cab - P. Shift - Nice . $9850
930 CK w/Duals-Turbo. $5500
830 CK-Nice. $5500

MASSEY FERGUSON TRACTORS

1105 - Nice - 1973 ..... $8100
175D - Nice $6450
180 - Gas - Nice $5250
40 w/Sickle Mower & Cab. ..... Call
165D - Nice $5450
1080 Diesel - Nice $6450
1150 w/Cab - Duals .... Coming in
1130 w/Cab $7500
1130 w/Duals ..... Coming in

LONG

360 - New. $8975
460 4WD - New. $11,675
310C - New. $6750
310, 4WD w/Loader - New $11,950
360 - 4WD - New. $11,150

4 WHEEL DRIVE POWER

• WHITE 4-150 • CASE 2470

Both Have 3 Pt., PTO, Cab, Air, Etc.

Your Choice **$13,400**

NEW EQUIPMENT SPECIALS

- 6' 3 pt. blades $195
- 7' 3 pt. blades $250
- 8' 3 pt. blades $350
- 6' 3 pt. Landscape boxes $475
- 6' 3 pt. disc's $495
- 7' 3 pt. disc's $695
- 3 pt. fert. seeders ..... $275 & $395
- 3 pt. boom poles ..... $50 & $100
- Round bale feeders $145
- 3 pt. P.T.O. woodsaws. $495
- 3 pt. 12" Post Hole digger $450
- 165 bu. gravity bins. $475
- 210 bu. gravity bins. $565
- 1 x 3 pt. plow $295
- 2 x 3 pt. plow $495
- 3 pt. bale mover. $150
- 3 pt. potato plow $95
- 3 pt. subsoiler $150
- 3 pt. spike harrow ..... $500 & $600
- 6 ton wagon $425
- 8 ton wagon w/goodies $575
- 10 ton wagon w/goodies $625
- 11 ton tandem w/goodies $950
- 12 ton wagon w/goodies $950
- 5' 3 pt. rotary mower. $495
- 6' 3 pt. rotary mower. $695
- 4' pull rotary mower $675
- 5' pull rotary mower $695
- 6' pull rotary mower $895
- 6' 3 pt. stone rake $495
- 7' 3 pt. stone rake $525
- 8' 3 pt. stone rake $545
- Speedy 1200 bushel corn cribs $895
- 3 pt. cement mixers. $595

MANURE SPREADERS

Badger Honey Wagon
Clay Honey Wagon
Hawkbilt Tank
NI 1x & 2x (Tandem)
IH - NI - AC

STACK MOVERS

Hesston 10W
Hesston 30
JD 200
3 pt. Stabbers

STACKER

Hesston 10

WINDROWERS

Ford 536
Hesston PT7

HARVESTERS

Fox 2200 - IF
JD 35 - 25
NH 890 - Super 717
Gehl 800
AC 720
(100) Extra Heads

FLAIL MOWERS

NI 279 - 9'
Caldwell 6' 3 pt.

PLOWS

(Some Resets)
AC - 1x
Ford - 1x - 2x - 3x
MF - 3x Flip - 5x
JD 1x-2x-3x-4x-5x-6x
IH 1x-2x-3x-4x-5x-6x-7x
Case 4x
Oliver 6X Reset

CORNPLANTERS

JD 7000 (6x)
290 - 246
Ford 309
MF 2x 3 pt.
IH 56 (4x) 2x FH
AC 770 (4x)

HAY RAKES

(Roto Bars)
NH 258 - 55
JD - 50
NI
4 Star Wheel Rakes

SQUARE BALERS

NH 273 69 - 66
Case 230

CHISEL PLOWS

10' to 19'
"V" Chisel

ROTOVATORS

Long 63" & 71" & 55"
Lely Roterra (13')

SPRAYER

150 gal. 3 pt.

TRANSPLANTERS

1x & 2x

"CLEAN" COMBINES

JD 4400
MF Super 35
IH 82 Pull Type
Case 660
(2) JD 45EB

GRAIN DRYERS

MC 600 & GT 270

(25) COMBINE CABS

SICKLE MOWERS

JD - IH - NH - Case - NI - AC

DISCS

IH from 6' to 24'
JD from 8' to 13'
Total of 50 to select from

FIELD CULTIVATORS

JD - IH - Glenco

GRAIN DRILLS

IH 10 - 16 Disc
JD FBB - 11 Disc
JD FBB - 13 Disc
JD VB - 11 Disc
JD 1500 - No Til
JD FBB - 17 Disc
Ontario

DUALS

18.4x28 18.4x38
16.9x34 20.8x38
18.4x34 15.5x38
16.9x38

BLOWERS

NH - IH - AC - Gehl

ROUND BALERS

JD 410
Gehl 1500
Hesston 5600

LOADERS

Ford - JD - IH - Freeman
Souders

POTATO DIGGERS

1x & 2x
1x plows

SNOW BLADES

4' to 7'

ROTARY HOES

2x - 3x - 4x

ROTARY MOWERS

Used 5' to 13'
New 4' to 6'

WAGONS

All Makes & Types

FEED MILLS

NH 352 - 357
OMC 424
Hammermills

FERTILIZER DRILLS & SPREADERS

JD & Case
Calhoun Tandem Axle Spreader

CORNPICKERS

NI 319 - 305 - 325 - 323 - 7 - 324
Ford 1x 3 pt.

CARS & TRUCKS

1974 Ford Truck Tractor
1980 Chevy Diesel Pickup
1982 Ford F150 Pickup
1979 IH Tandem Rollback
1972 Ford Pickup - $395
1973 IH 20' Grain Dump
1976 Ford Diesel w/24' Rollback
1978 Chrysler Cordoba
1980 Buick Regal
1982 Ford Granada

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WENGERS INC.

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WE BUY YOUR EXCESS EQUIPMENT - FINANCING AVAILABLE WITH 20% DOWN - UP TO 7 YEARS

WENGER'S IS E-X-P-A-N-D-I-N-G TO SERVE YOU BETTER
Used Parts — East Coast's Largest

(100) COMBINES - DISMANTLED
JD 7700-6600-4400-3300-55-45-40-12A
IH 815-615-315-403-303-203-205-105-101-93-91-141-127-64-76
MF 760-510-410-300-92-82-72-35-26-Clipper
Gleaner CII-EIII-A-E-60
Uni 704-702-701-717-710-Etc.
Case 960-660-600
NH 975-985
MM 4296-Oliver 525 & 535
Over 100 Corn & Grain Heads For Salvage

(100) HARVESTERS - DISMANTLED
JD 38-35-34-12-8-6
IH 650-550-55-50-350-16-15
Fox 2200-2000-1000-546-FA
NH 880-818-800-S717-717-770-616
Gehl 600-300-188-84-83
Case 300
Ford & Papec

(50) BALERS - DISMANTLED
JD 214T-24T-14T
NH 269-78-569-69-68-67-66
IH 57-47-37-27-55-45
Oliver 720
MF 10
AC 303
Case

PARTS CALLS TAKEN

7:30 A.M. to 5 P.M. WEEKDAYS

7:30 A.M. to 12 NOON SATURDAY

PLEASE NO PARTS CALLS AFTER HOURS

PROMPT SHIPMENT

CASH SALES ONLY

(50) BALERS - DISMANTLED
JD 214T-24T-14T
NH 269-78-569-69-68-67-66
IH 57-47-37-27-55-45
Oliver 720
MF 10
AC 303
Case

HAYBINES — CORNPICKERS — SPREADERS — CORNPLANTERS — HAY CRUSHERS — BLOWERS — CORN SHELLERS — CULTIVATORS — PLOWS — CULTIPACKERS — CULTIMULCHER — DRILLS — RAKES — SICKLE MOWERS — NI 7' & 9' CUT DITIONERS

CONSTRUCTION ITEMS - DISMANTLED
Crawlers.
Cat D2-D4-977-933-951B
JD 350-440-420-40-MC
IH 175-100-TD14-TD9-TD6-340-500
AC HD4
Oliver OC3-HG
Case 310

Backhoes:
Case 680-530-320-210
IH 3444-3600-3514-350
Ford 4500-4400

Skidders:
JD 540 A & B

Skid Steers.
Case 1737
Melroe 444

Lots More Incidental Items

SPECIAL
Winco 55 KW P.T.O. Generator Single Phase-Continuous Duty 1000 RPM-110V & 220V, Heavy Duty Trailer, Welder Recepticale, Used 20 Hours-Like New - $2950

CLEAN N.I. UNI SYSTEMS
(Mix & Match Attachments)
- Tractors - 706D w/Cab, 705D w/Cab 702 w/Cab
- Husking Beds - 727, 726, 721
- Harvesters - 767, 760
- Sheller - 729A
- Pickup Heads - 766, 761
- Grain Heads - 715, 713, 711
- 4 Row Cornheads - 844N, 738, 731
- 3 Row Cornheads - 743N, 735, 725, 763, 724
- 2 Row Cornheads - 723, 762
- High Moisture Throat For 760
- Combines - 710

FARM TRACTORS FOR SALVAGE (OVER 2000)
Most Makes And Models

CONSTRUCTION EQUIPMENT

NEW 1984 TRAILERS ON SPECIAL
- 2 Axle, 4 Ton $1450

BACKHOES

Ford 4500	$10,500	C12	$8500
Long 5 in 1	$16,500	IH 3444	$7500
IH 3820	$16,500	Ford 5500	$12,500
Ford 4500	$7500	IH 260A	$14,500
Ford 4500	$9500	IH 3414	$6500
Case 580B	$12,500	IH 3500	$6500
Ford 8N	$3500	White	$6500
Hein Werner			

BACKHOE ATTACHMENTS
(5) Ford Hoe Attach $1750 & up
(2) JD $3500 & up
(3) Case $2500 & up
AC $2500
(3) 3 pt. Hoe Attach $2250 & up
(5) IH Hoe Attach $2500 & up

CRAWLER LOADERS
JD 450 - As Is $5750
Cat 955H . . $16,500
Cat 951B . $21,500
JD 350B w/Backhoe $18,500
Cat 977L . $68,500
JD 350 w/4 in 1 . . . $8950
Case 350 . . . $8950
Cat 941B $26,500
Case 450 w/Hoe $14,500

DOZERS
Cat D8H . $19,500
JD 450 - 6 Way $12,500
Cat D4C $12,500
IH TD14 . $3800
AC HD4 . . $8500
JD 2010 . $6850

CONSTRUCTION DUMPS
1974 IH Diesel w/9' Body - Air Brakes $10,500
(2) Mack 25 Ton Rock Trucks . . . . . Call
(3) Mack 20 Ton Rock Trucks . . . . . Call

TRACTORS WITH LOADERS

Ford 600	$3250
Ford 8N	$2450
JD 400	$7500
IH 2400	$7500
IH 2400	Coming in
AC I600-As Is-	$3500
AC D15	Coming in

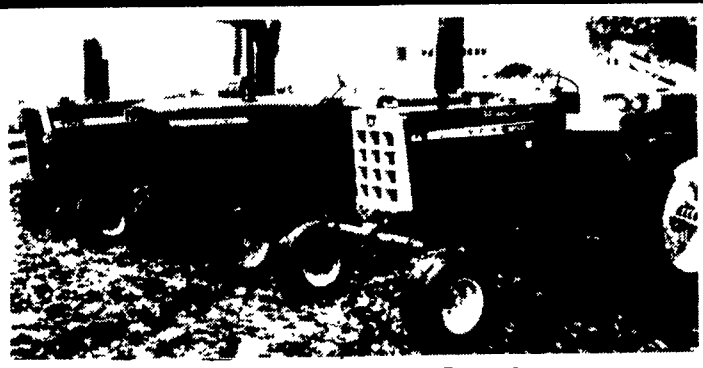
MISC. CONSTRUCTION
(40) Used hoe buckets . . . From $100
(25) Loader buckets . . . From $100
(30) Set forklift forks . . . . . From $300
(6) Winches . . . . . Call
Wayne 984 Diesel Street Sweeper $8950

FORKLIFTS
Int 7000 - 21' $10,500
Int. 4500B - 21' . . . $12,500
IH 544 . . $5750

RUBBER TIRED LOADERS
OMC 770 $17,500
Ford A62 1978 Nice Cab $27,500
Hough 50 $8500

TRAILERS
1984 2X 4 Ton $1450 & $1600
1978 2X 6 Ton $2650
1983 3X 9 Ton $4400
1983 1X 2 Ton $1150
1984 2X 12 Ton $5800
1983 2x6 Ton $3600
1977 10 Ton 5th Wheel . . $3950
Used 6 Ton $2250
Used 9 Ton $2750
Used 25 Ton $3500
Freuhauf 40' Flat $2500
(2) 1979 Strick 40' Flats $7000

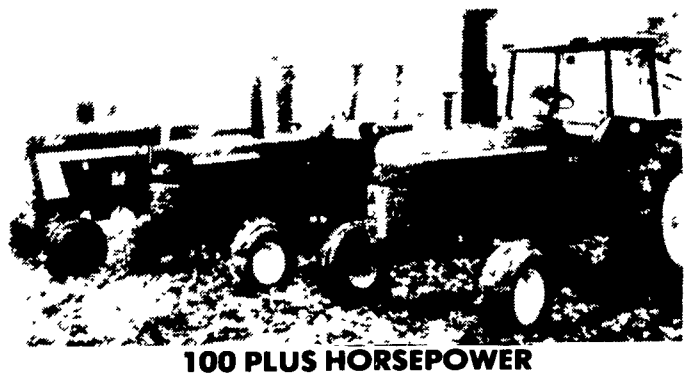
LOG SKIDDERS
JD 440B $13,500
(2) JD 540A . $13,500
JD 540B - BURNED $8500
Tree Farmer- As Is- $3850



100 PLUS HORSEPOWER
- MF 1105-1973 • JD 4520-1969 • Oliver 1950T - 1968

All Decent Tractors, Properly Equipped

YOUR CHOICE $8100.00



100 PLUS HORSEPOWER
- IH 1066 w/Cab - 1973 • JD 4320 w/ROPS - 1972
- JD 4230 w/ROPS - 1976

All Decent Tractors, Properly Equipped

YOUR CHOICE $11,100.00

TRACTOR CABS

IH 06 Cab	$775
JD 4620 Cab	$1250
(3) Used for JD 4020 .	$350 to $1500
Used for Ford 6000 .	$775
New for Ford 5000-7000	$1800
(5) New for MF- 275 to 1155	$2000
(10) Used Rollbars	Call
New Cooler for Cab	$500
(2) Used for IH 66 - Nice	$1500
Used For JD 4230 .	$1250
Oliver 1355 Cab .	$2000

CULTIMULCHERS
11' to 15' Cultipackers - 9' to 14'

FLAIL CHOPPERS
JD 16A - 15A
Gehl 72
NH 36
MC

ELEVATORS & AUGERS
LG Corn Drags
Cardinal 56' 8" Auger
NH 36'
Case

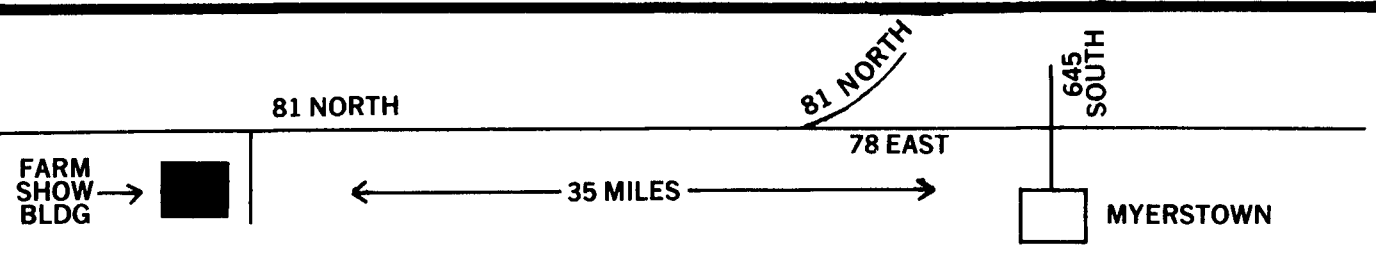
CORNSHELLERS
JD 43 3 pt & pull type
MM 1200
JD 6
NI For pull & mtd.

SKID STEER LOADERS

OMC 1700 Diesel	$6500
IH 4150 Diesel	$9500
Melroe 720	$8500
Melroe 611	$6500

CULTIVATORS
Ford 2x - 4x
JD 2x - 4x - 1x
IH 2x - 4x - 1x

See Us At The PA. FARM SHOW
Space #346, 347, 356, 357



FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

M & R EQUIPMENT, INC.

NEW PARK, PA

Ph 717-993-2511 · 717 246-1972

CASE

SPERRY NEW HOLLAND

INTERNATIONAL HARVESTER

KUBOTA

Available - 10.5% Financing On All New Kubotas

IH New 1420 Combine Now With Unbeatable Rebate
Used 1440 Combine
Used IH #10 16x7 Grain Drill w/Seeder & Fert.
Used IH 1150 Grinder Mixer
Used 2 Sets of Flat Top Fenders for 06, 56 Series
Used NI 305 Mounted Picker, 4M, 656

ALL ABOVE USED EQUIPMENT IN EXCELLENT CONDITION

NEW TRACTORS

IH 5088
IH 3088
IH 884, 4WD
IH 584
IH 244
IH 234, hydro.
Ih 3388 2x2, 300 hrs.

NH 315 baler, good cond.
JD 3800 forage harvester both heads, good for parts or fix it yourself
MF 4R planter - 50 acres
JD 1240 planter
IH 37 baler
JD 246 2 R planter, 3 pt.
Oliver 15 row grain drill, good cond.
JD 110 disc
IH 480 disc, new blades, w/cyl.
1975 CJ5 jeep, new top
Gehl Blower
NH 717 Chopper
NI 324 picker, excell.
105 Cub Cadet, hydrostatic
IH 350 Diesel, fast hitch, power steering
JD 2510 diesel, excell.
IH 2400 Ind. tractor w/6 way heavy duty front mtd. blade - ideal for snow
IH 454 utility tractor w/loader, overhaul
Farmall 560 D
JD 50 tractor w/corn picker, power steering
IH 455 planter, 4R
JD 440 crawler - loader
JD 440 crawler for parts
JD 34 chopper
615 combine w/cab, 1/owner

Coming Attraction ...

★ **John Deere Factory Fly-In**
February 23rd and 24th
• Waterloo Tractor & Engine Works
• Moline Administration Center
• Harvester Works and Foundry
Plane Leaves Harrisburg Early
on Feb. 23rd — Returns Feb. 24th

JANUARY Savings!

ALL COMPANY REBATES APPLY!

COMPARE! You'll See This Equipment Can't Be Bought For Less!!

NEW JOHN DEERE EQUIPMENT!
716A Forage Wagon, Complete, K.D. $6,500
JD Ind. 300B Tractor with Loader, Backhoe Avail. (with Rebate) $19,500

USED TRACTORS!
1977 JD 2840, 6 Cyl., 80 PTO HP, with Roll Guard, 158 Loader, Snowblade, 850 Hrs. $16,500
JD "A" w/Wide Front
JD "B" w/Cult, Plow & Vine Lifters
Ferguson 30 - Coming In
Ford Jubilee w/Wagner Loader - Coming In
Ford 9N

NEW NEW HOLLAND EQUIPMENT!
TD 200 13' Disk with 24" Blades $9,800
80 Blower $2,750
853 Grinder Mixer $5,800
1003 Bale Wagon $9,100

MISCELLANEOUS!
★ Used 60" Ber-Vac Front Mtd. 2-Stage Snowblower, Fits JD 950 Compact Tractor. Also Adapts To Japanese Tractor...Good Cond. — $775!
★ New 48 HP Diesel Agra Power w/40 Hours, 3 pt. Hitch, 540 PTO — Special $4,995! (Built by Fiat)
JD 205 Cornhead
JD 7 Ft. Killifer Orchard Disc
JD 14' Disc
Small 8' JD Disc
JD 8' 3-pt. Harrow
JD 290 Pull Planter
Woods C80 3-pt. Rotary Cutter

COMBINE!
1979 6620 SideHill, Choice of Hds., Fully Serviced, 2157 Hrs. — Cream Puff!

USED BALERS!
NH 283
NH 271 w/Thrower
NH 77 w/Engine
NH 258 Rake

Brillion • Century • Woods • Vicon • Lely • Tye • Kuhn

John Deere Lawn & Garden & Snowmobiles
Many Short Lines of Machinery

New Holland Machinery
Wheel Horse Lawn Equipment

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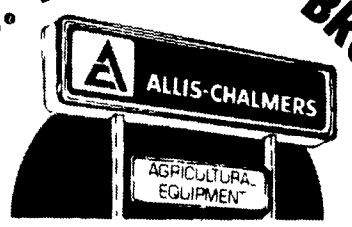
Phone 215-298-2011

ALLIS CHALMERS

C.J. WONSIDLER BROS.



SPERRY NEW HOLLAND

BRANCH
Rts. 309 & 100
New Tripoli, PA
(215) 767-7611
Mon.-Fri. 7:30 A.M. - 5:00 P.M.
Sat. 7:30 A.M. - 12:30 P.M.

★ **3 LOCATIONS** ★
Trumbauersville to Finland Rd., Quakertown, PA
(215) 536-1935 or 536-7523
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Sat. 7.30 A.M. - 12:30 P.M.

TRACTORS

JD 4020 PS
JD 4020 D
JD 4010 D w/PS
JD 4010
JD 60
JD B
Ford 4000 D, lo hrs.
MF 50 D
IH 986 w/cab, air, only 1400 hrs., EXCEL!
IH 460 D
Farmall 400
Long 560 D, lo hrs.
MM G1000 D
Case 630 w/loader
AC 7040 PS, w/cab
AC 7020 PS, w/cab
AC 7000 D w/cab
AC 190XT D w/cab
AC 185 D
AC WD45
AC WD

FEED CARTS

(2) Weaverline 223 Elec. Feed Cart, 24 Bu.
(2) Weaverline 330 Elect. Feed Cart, 30 BU., A-1!

COMBINES

JD 8820 w/950 hrs., cab, air & heat, 15' floating grain, 830 corn heads, like NEW!
JD 55 Special w/cab, 12' grain & 330 corn heads.
JD 55 w/12' grain & 338 corn heads
JD 45 w/both heads
JD 45 w/grain head
MF 300 w/11' 238 corn heads
IH 315 w/cab, grain & corn heads
NH 975 w/11' grain & 238 corn heads
NI Uni-System 702 w/717 combine, 4-row corn head
NI 767 Chopper w/702, 2-row corn head & 761 Pick up Head
Gleaner N5 w/15' floating grain & 630 corn heads
Gleaner MKS w/13' grain & 630 corn heads
Gleaner F2 D w/400 hrs., grain & 438 corn heads, like new!
Gleaner F2 Diesel w/cab, air, 13' grain & 438 corn heads
Gleaner K w/cab, 10' grain & 238 corn heads
Gleaner CII w/13' grain & 438 corn heads
Gleaner AII w/cab & both heads
Gleaner AII w/12' grain head
Gleaner E w/cab & both heads

TILLAGE

AC 2300 Disc Harrow-15' Fold up
JD 13' Transport Disc
JD 11' Transport Disc
IH 13' Transport Disc
JD 10' Cultimulcher
AC 2000 5B Semi-mt. Plow
Oliver 6B Spring Trip Plow
AC 80 Series 4B Mounted, 3 pt. Plow
Brady 10 Tooth Chisel Plow, w/gauge wheels, like new!!
Vicon 14' Power Harrow, demo!

MANURE SPREADERS

JD 34, 150 BU., Brand New
(2) NI 218, 265 BU.
(2) NI 214, 206 BU.
(3) NI 213, 176 BU.
NH 676, 325 BU.
NH 516, 175 BU., 3 beater
NH 510, 160 BU.
NH 213, 140 BU.
Farmhand M165, 125 BU.
Badger BN240, 180 BU.
NH 365 Tank
(2) Hawk Bilt 207 Tank

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Badger · OMC · AVCO NEW IDEA

USED TRACTORS

IH B
IH 826 w/ROPS
IH 656 Dsl
IH 2500 Industrial w/Loader
IH 706
IH 200 Farmall
IH 756 Diesel
IH 806 w/new TA
IH 1066 w/cab, 2050 hrs
IH 504 w/NI Loader
IH Super A
JD 620
JD 70 Skid Loader (like new)
#10 Hydra-Mac Skid Loader
1976 Chevy C60 Truck
Farmall M
IH 2050 Loader w/Side Pump

WE SHIP PARTS UPS DAILY

OPEN HOUSE GREEN CASTLE STORE FEB. 6 to 10

TILLAGE EQUIPMENT

IH 350 Disc, 9'10"
IH 710 4x16 Plow Reset
IH 720 5B 20" Plow
IH 700 5x16 reset Plow
JD 5x16 Reset Plow
JD 4x16 Reset Plow
Case 8' Disc Offset
IH 19B Disc (like new)
IH 9A 9' Disc (like new)
Kewanee 13'6" Wheel Disc
Athens 7' Chisel Plow
Athens #131 13' Disc
Athens #131 11'6" Disc
IH 350 Wheel Disc
IH 53 4 Row Cultivator
Niemeyer Power Harrow
IH 450 3x16 Plow
IH #55 13' Chisel Plow 3 Bar
IH #55 7' Chisel Plow 3 Bar

HARVESTERS

Fox 2200 Harvester w/2 Row Head
Fox 546 Fg Harvester
Fox 249 Snapper Head
Fox 1000 Fg Harvester
Fox 2RN Belt Corn Head
NH #818 Fg Harvester
IH 555 Fg Harvester
JD 38 w/2RW Head
JD 38 w/2RN Head

MISCELLANEOUS

OMC 540 Stacker
Jamesway 60' Belt Feeder
KW Loader for IH 284
Boyhill 300 gal Sprayer
Hesston #10 Stacker
Better Bilt 12' Manure Pump
Demco 500 gal Sprayer
Zimmerman 40' Elevator
Mayrath 34' Elevator
Harson 200 gal sprayer
Badger 24 Silo Unloader
Silo Matic 24' Silo Unloader
NI 12' Fert Spreader
Anderson Stone Picker

GRAIN DRILLS

JD 13x7 Grain Drill
Oliver 10x7 Grain Drill
Oliver 17x7 Grain Drill
IH 13x7 Grain Drill
IH 510 13x7 Grain Drill, nice
Tye No Till 80" 3 pt Drill

HAY EQUIPMENT

IH 47 Baler w/Thrower
IH 440 Baler
IH 37 Baler w/Thrower
IH 990 9' Windrower
IH 225 SP Windrower
IH 5000 Windrower
Hesston 320 AP 9' Windrower
Hesston PT10 Windrower
Case 555 Windrower
NH 27 Blower
IH 56 Blower
Fox Blower
NH #46 7' Mower
JD 3 pt hitch 7 mower
JD 894 Rake
VanDale 180 Feeder Wagon
Grove 14' Hydraulic Drive Wagon
Coby 4000 Wagon

CORN PLANTERS

IH 56 4 Row W/N
IH 455 4R and 6R
IH 449 4R
IH 400 4R & 6R W/N
JD 1240 4 Row
Ferguson 2R 3 pt Hitch
White 5400 4R no-till liquid fert, insect boxes, markers monitors 30"

SPREADERS

NI 218 Manure Spreader
NI 214 Manure Spreader
NI 213 Manure Spreader
NI 212 Manure Spreader
NI 206 gr dr Spreader
Badger 1000 gal Vac Tank
Hawk Bilt 357 Spreader
Hawk Bilt 205 Spreader
IH 595 Spreader
Clay 1500 gal Manure Tank

NEW IDEA UNI EQUIPMENT

NI 708 Uni, less than 800 hrs
767 Super Chopper
768 3RWN Corn Head
NI 702 Dsl Uni
840 Feeder House
818 Combine
767 Super Chopper
713S Platform
744N 4 Row Corn Head
844W 4 Row Corn Head
770 Ear corn Adaptor
710 Combine
324 Picker w/12 roll bed
NI #330 3RN picker

COMBINES

IH 915 Combine w/6R Corn Head
IH 715 Combine w/4R Corn Head
IH 205 Combine w/13' Platform
IH 843 4 Row N Corn Head
IH 76 Combine
IH 303 Combine w/13' Platform
Oliver #40 Combine
JD 45 Combine

Coming In
JD 3 pt hitch 2 bottom plow
Hawk Bilt 357 Spreader
Badger 11' 40' Conveyor
Farmall M Tractor
JD B Tractor
Ford NAA Tractor w/Sauder Loader
(2) Badger 14' Wagons, like new
JD FBB Grain Drill

MF Massey Ferguson

FIELD QUEEN FORAGE HARVESTERS

GOOD USED EQUIPMENT

TRACTORS
MF 165 Diesel
MF 265, 8 sp.
MF 175, MP
MF 285, 8 Sp.
MF 1080
MF 1130
MF 1105, MP
MF 2705 cab, 700 hrs.
MF 1150 w/cab
Farmall 400 gas
Farmall 966
Oliver 1850 gas

PLOWS
MF 880, 6F-16"
JD 3F-14" Trail
Oliver 4F-16" 3 Pt.

LOADERS
Gehl HL 3510
Gehl HL 2600
Gehl HL 4400 Diesel
Gehl HL 4600
Sauder to fit JD 2010

TILLAGE
Brillion 12' Pulimulcher
Brillion 10' Chisel Plow
Glencoe 7 Shank Soil Saver

COMBINE
MF 300, cab
MF 35, SP
MF 540, 13'
MF 510

GRINDER MIXERS
Gehl 115
Allied 265

SPREADERS
Gehl 250
Martin 1263 Scavenger
MF 130
NI 244, hyd. gate

BACK HOES
MF 203
MF 30
MF 20C w/Cab

HAY BALERS
NH 273
MF 12 w/thrower
JD 14T
Hesston 5600

MOWER CONDITIONERS
Ford 501, 3 Pt. Mower
Hesston SP320
Hesston 6450
Hesston 1090
Hesston PT10
NH 461
NH 469
JD 1209
NI 299, used 2 yrs.

FORAGE HARVESTERS
Gehl CB400
(2) Gehl CB600
Fox 2000
Hesston 2000
JD 35

NEW EQUIPMENT
Hesston 6650 12'
MF 550 hydro.
Field Queen 7650
Gehl 1400 Baler

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INDUSTRIAL EQUIPMENT

Ford tractor loader 340, 3400, 4000, Ford TLB 4500, 445 w/extendahoe, 555, Ford 3610 w/cab and Lincoln welder, Ford 600 forklift, 4000 forklift, Ford skid loader 340, CL20, CL40, CL45, General roller 1½ ton, rollapack roller, Ingersoll Rand air compressor, Ford backhoe 15', Ford 757 backhoe, Sky Witch lift, homemade trailer, JD 6 ton trailer, General 9 ton trailer, MGS trailer

FARM TRACTORS

Kubota 345 4 wheel drive w/loader, JD 4510 w/loader (has 4020 engine) w/100 hours w/246A loader, JD 2510, JD A, Case 300, VAC, Satoh 25 HP, Farmall H, Super H, 140 w/blade, Cub lowboy w/blade, Cub 154, Ford 9600 w/cab, 5000, 4000, 3000, 2000, 800, Jubliee, 8N, 9N, Ford 7710, 5610 4 wheel drive, 5600, 4600 w/cab, 1900, 1700, 1310, 1200 w/loader.

CARS & TRUCKS

Chevrolet camper w/canopy, sleeps six, refrigerator, gas stove and gas heater, Louisville 9000 1974 290 Cummins engine, 10 speed Road Ranger transmission; Truck tractor Louisville 8000 1974 3206 Cat engine, paint good; Ford dump truck F600 tires good, Ford ½ ton, Chevrolet pickup w/service body.

MISCELLANEOUS

Walk behind snowblowers, Hanson 3 pt. 4' snowblower, McKee 4' front mounted snowblower, Ford snowblower, IH snowblower, Wheel horse snowblower, blades for Wheel Horse, Ford, IH, and MF.

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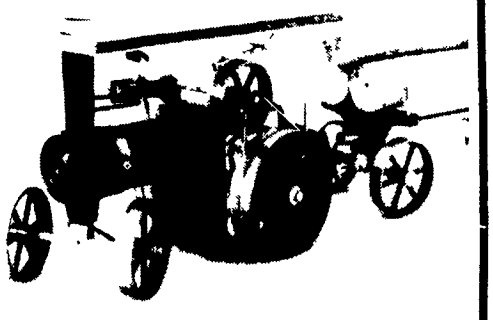
NEW! LIVE STEAM TRACTORS



This working replica was used years ago in lumber Camps and Threshing Runs These tractors come complete with Brass Boilers Copper Steam Pipes, Steel Fire Box, Cylinder, Piston and Whistle that actually blows Made of Brass Uses water and burns solid fuel supplied Takes 3-5 minutes to raise steam then will go ⅓ of a mile Self Propelled Develops 1/15 Hp, 3000 rpm 10" long, 7" high, 5" wide Weight 3½ pounds Fitted with reverse control, sight glass and steering extension Can also be used to drive workshop models N A T R Award winners Made in England A real work of Art, gleaming and Beautiful Makes an ideal Mantel piece $109 95 Postpaid

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MF 1155 Tractor
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JD-BW DISC
JD 5020 tractor
MOTT MOWER - 48 In
JD 54 Manure Spreader
JD 494A Planter
JD 694A Planter
JD 4400 Combine
JD 105 Combine
JD 7000, 8 row, 30" corn planter w/Liquid Fertilizers and Monitor
JD 1250 corn planter
Oliver 5x16 Plow
JD 1250, 4 btm. plow
1-JD AW disk harrow, 14'

NEW EQUIPMENT
JD 415 Rotary Hoe
JD 347 W Baler
JD 7100 8-row 20" bean planter
JD 950 - 12 Ft. Roller Harrow
JD 7000 - 4 Row & 6 Row Conservation Planter
2 - JD 506 Gyramor
2 - JD 606 Gyramor
JD 660 Rake

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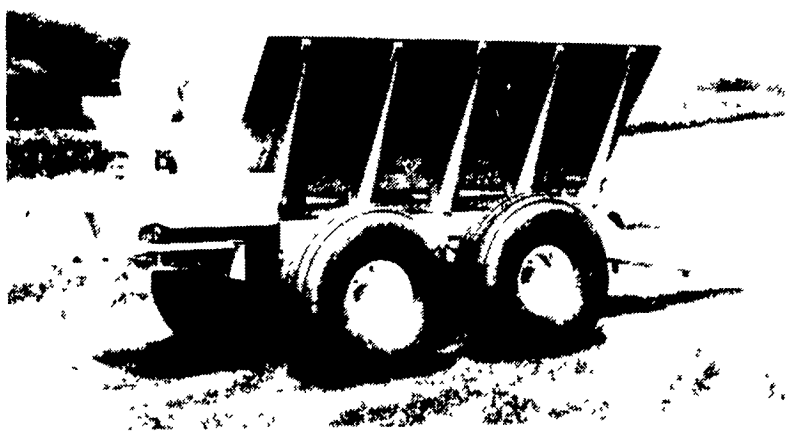
STOLTZFUS SPREADERS

WET LIME SPREADER



SAVE: Farmers in some areas can get lime as much as $16 per ton cheaper if they spread it themselves.

LESS HEADACHES: Spread it when you want it spread.
* 24" Wide Bottom
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> To Keep Stockpile Lime From Bridging.
* 2, 5, 8 Ton Models * Also Spreads Fertilizer, Poultry Waste, etc.
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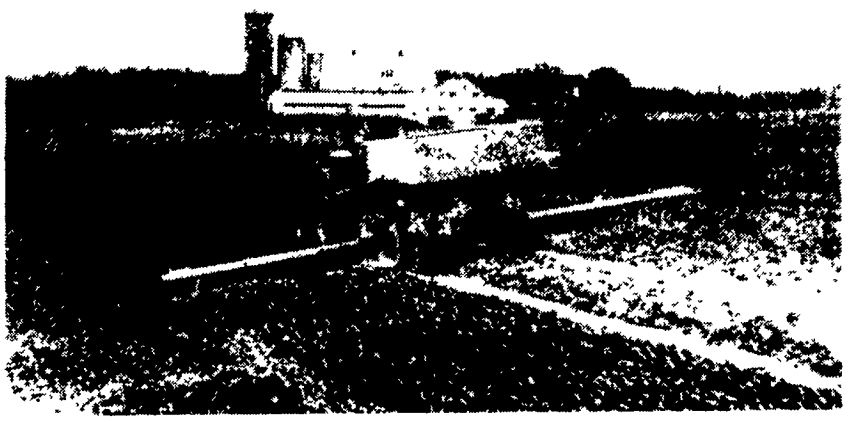
SOWER SPREADER



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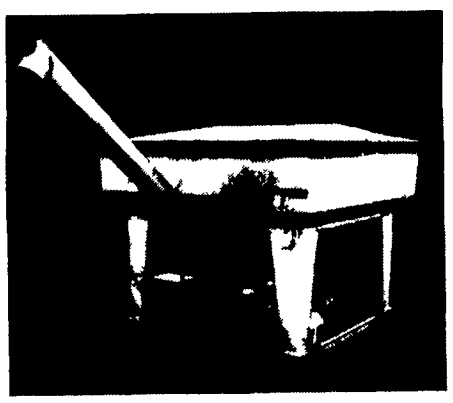
No need to fertilize the fence rows or spread it unevenly. With a Stoltzfus Sower Spreader you put it where you want it.
* Excellent for dry, free-flowing materials such as: dry lime, rock phosphate, fertilizer.
* Extremely accurate * Tractor drawn or truck mounted

ASK US ABOUT OUR FARM SHOW DISCOUNT AT BOOTH #580-581

6 Ton Stainless Steel Tender



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1 Ton Articulating Loader

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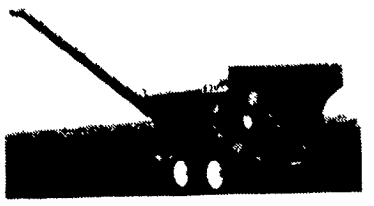

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Come see how you can save more on new equipment and improve your bottom line Offer expires Jan 31 1984

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Come in early. Prices are subject to equipment availability!

INTERNATIONAL HARVESTER

- 884 Row Crop
- 6388 D Tractor 2+2, Plus Demo
- 3688 D w/Rops, Plus Demo
- 3288 D w/Rops
- 15 Rear Blade, 3 pt.
- 20 Rear Blade, 3 pt.
- 181 15 ft. Rotary Hoe
- 5500 11 Ft. Mounted Chisel
- 4500 Field Cultivator
- 735 6-Btm. Vari-Width
- 1350 Grinder Mixer
- 781 For. harv. & 2 Row Head
- (1) 595 Spreader
- (2) 560 Spreaders
- 183 4-Row Cultivator

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NEW 30 and 50 SERIES TRACTORS
Best Cash Prices Ever On All Equipment Now

- ★ IH 3288
- ★ 3688 - w/ROPS - Demo Special!
- ★ IH 6388 - 4 Wheel Drive - 130 HP - 540/1000 PTO
  Extra Special Price — Buy A Real 4WD At The Same Price As An Add-On 4WD!
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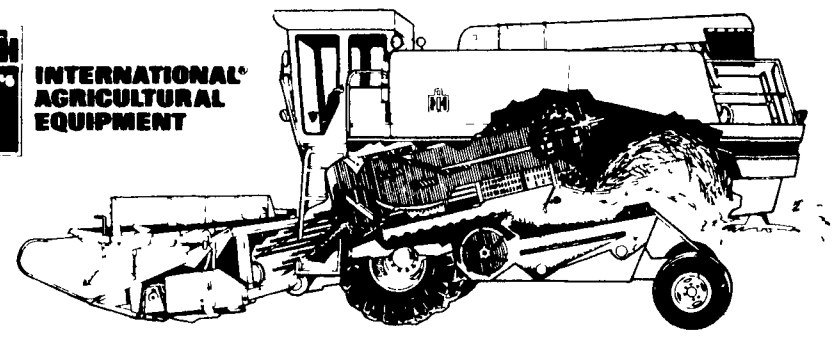
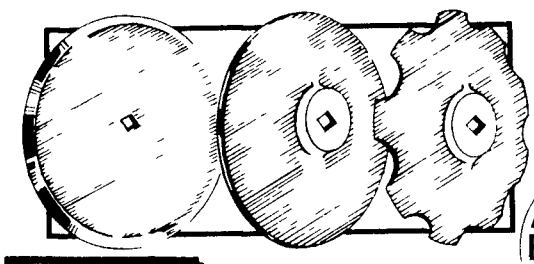


- ★ IH 1420 Combine
- ★ 963, 944 Heads In Stock! - Old Price Plus White Tag Special
- ★ 810 13' Cutter Bar
- ★ 810 15' Cutter Bar (Old Price!) - White Tag Special

★ **WAIVER TILL 9/1/84 OR CASH REBATE!**

We Specialize In IH Combine Parts & Service!



IH DISK HEADQUARTERS!

EARTH METAL

EARTH METAL DISKS: 60% Stronger! 20% Longer Life!

C-shape bearing standards Allow gangs flex to ride over obstructions.

IH 496 FLEX WING DISK HARROWS WITH EARTH METAL DISKS!

Model	Cutting Width	Disk Blade Spacing	Blade Sizes Available	Transport Width	Operating weight With Blade Sizes
496 Folding Wing-Type	18 ft 7 in 22 ft 2 in 24 ft 7 in 28 ft 1 in 31 ft 8 in	7½ in	20 or 22 in	12 ft 5 in 12 ft 5 in 14 ft 8 in 14 ft 8 in 14 ft 8 in	20 in 6598 lb 20 in 7326 lb solid 7807 lb 8513 lb 9137 lb
	19 ft 1 in 22 ft 24 ft 10 in 27 ft 8 in 32 ft	9 in	22 in	12 ft 5 in 12 ft 5 in 14 ft 8 in 14 ft 8 in 14 ft 8 in	6750 lb 22 in 7370 lb 22 in solid 7847 lb 8482 lb 9224 lb
496 Cushion Gang	19 ft 1 in 22 ft 24 ft 10 in 27 ft 8 in 32 ft	9 in	22 in	12 ft 5 in 12 ft 5 in 14 ft 8 in 14 ft 8 in 14 ft 8 in	7125 lb 22 in 7667 lb 22 in solid 8105 lb 8911 lb 9700 lb

New For 1983...
22'2" - 7½" Spacing, Cushion Gang - Model 496

Others In Stock...
19'1" - 9" Spacing, Regular Gang
19'1" - 9" Spacing, Cushion Gang
22'9" Spacing, Cushion Gang

CALL US FOR IH DISK HARROW PARTS IN STOCK!

★ **WAIVER ON DISKS TILL 3/1/84!**

IH GRAIN DRILLS
- In Stock - Ready For Delivery -
18x7 Plain 16x7 Comb.
21x7 Plain, old Price!

★ **WAIVER TILL 5/1/84!**

IH SUBSOILERS - IN STOCK
No. 14, Auto Reset, 5 Shanks
No. 10, 8'3, 3 Shanks

★ **WAIVER TILL 3/1/84!**

USED EQUIPMENT

TRACTORS: (Waiver to 3/1/84 or Cash Rebate
IH 806, 3 pt. Hitch, Wide Front, TA, $5950 (No Trade)
(2) IH Farmall "C"
Int. F12 w/cult.
JD 2010 D, Tri
Int. 400 Farmall, Real Nice!
IH 1066 D w/Cab & Air - Real Nice!
IH 966D w/Cab
IH 766 D, Black Stripe
IH 806 Diesel, Wide Front, TA, Fast Hitch
IH 560 Gas, 400 Gas
MF TO-20 w/Turf Tires
MF 33 w/3 pt. Hitch
MF 65 Diesel w/MF Loader
IH 340, Tri.

HAY & FORAGE EQUIPMENT:
(3) IH No. 51 Forage Wagon
IH #5 Flail Chopper, Direct Throw
33 NH Flail Chopper
Gehl FBB 88 Blower
Gehl 99 Hi-Throw Blower, nice!
550 IH Chopper
IH 990 9' Mower Cond
1014 Hesston Mower Cond.
IH 27 Baler w/Thrower
IH 47 Baler w/Thrower
IH 440 Wire Baler w/Thrower
Kuhn GF 452 4-Star tedder, Nice Shape
5026 Elec Wheel, 8 ton Gears

MISCELLANEOUS:
Used CP Model 250 Rotary Vane Air Compressor w/IH 282 Diesel Engine Mounted on CO 1600 Int Truck ~~$3800~~ - ~~$3,650~~ Now $3000 SOLD

TILLAGE: (Waiver to 3/1/84)
Cub Single Gang Disk
Cub 2-Way Plow
Pittsburg 11'6" Disk
JD 110, 12' Disk, Good Shape
IH 370, 350, 37, 35 In Various Sizes
Oliver 4-Bot. Semi-Mtd. Plow
IH 440 4-Bot. Plow
IH 700, 5 Bot., 18" Plow
IH 700 6 Bot. 16" Plow
IH 540 4-Bot. 14" Semi-Mtd. Plow
IH 531 3 pt. 3 Bot. Plow
IH 311 Fast Hitch Plow, 3 Bot
AC 1-Bot. Trailing Plow
MF 880 5-Bot Auto. Reset
Glencoe 18' Field Cultivator
Vicon 10' Power Harrow — ~~$2,500~~ — ~~$2,300~~ — $2,000

MATERIALS HANDLING: (Waiver to 3/1/84)
IH 2250 ~~$600~~ SOLD for Farmall Tractors
Farmhand Loader for IH 74 Series Tractor
157 Hawk Bilt Spreader - was ~~$995~~ Now $695
NH 512 Spreader w/End Gate
NI 212 Spreader, PTO, flail type
200 Gal Century Sprayer, Piston Pump
250 Gal Tecoma Air Blast Trailing Sprayer — $1,500!

LAWN & GARDEN:
IH 127 w/Mower, Recond
IH 1650 w/Mower, Like New
IH 682 w/Mower, Like New
IH 100 w/38" Mower

COMBINES:
IH 863 6-Row Narrow Cornhead, Low Acres
715 Diesel Hydro w/13' Floating Cutter Bar and 744 Cornhead
AC Model C2, 12' Hd., 4-Row Wide - Rough Cond. - $2,000
MF Model 300 Gas, 2-Row Hd., & Platform - Rough Cond. — $1,200
810 13' Cutter Bar
IH 1460 (1980 Model) w/963 Cornhead — Coming In!
FKS Gleaner Diesel 4 Row Wide, 12' Platform
MH 35 SP 8' Platform, Fair Shape
715 D Hydro, 1976 Model, 820 15' Cutting Bar — Real Nice

IH 315 Hydro w/12' Platform, Field Ready, w/PU Wheel & Hyd. Lift
IH 315 Hydro (For Parts)
IH 403 w. 4-Row Wide Head & 12 ft. Grain Platform
IH 315, 2-Row Wide Head
IH 227 Cornhead, fits 315, 205 or 203
IH 234 Picker w/Husking Bed, Mount for 656 Farmall
Set of Tires & Rims for 1420 Combine - 23x134 Rice tires

PLANTERS: (Waiver to 5/1/84)
IH 455 4-Row
IH 658 6-Row Narrow Dry Fert.
4 & 6 Row Cyclos, Field Ready!
JD FBB 17x7 DD
IH No. 13x7 Plain Drill
IH NO. 10 16x7 SD, Comb. Drill
Oliver 24x6 Combination Drill
MF 13x7 Comb. Drill

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★ Northwestern Skid Loader - Model S71 Gas - Demo, In Stock At Special Price!
Special Price On Diesel Unit Available On Factory Order - Call For Price!

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New Idea Gehl | Hesston Bush Hog | Glencoe | Brillion | Toro | Gilson | Kilbros | Wic

Trustworthy Hardware! The Problem Solvers

USED EQUIPMENT

	Starting Price	Daily Reduc	Price 01/07/84
729A NI Uni Sheller	$3750 00	$5.00	'1495.00
770 NH Harvester w/2 RN & PU	$5951 00	$5.00	'4631.00
676 NH Tandem Axle Spreader w/gate	$3254 00	$5.00	'1934.00
FB 88 Gehl Blower	$850 00	$2.00	'616.00
66 JD Blower	$1390 00	$3.00	'1039.00
FB 99 Gehl Blower	$1395 00	$3.00	'1044.00
10' Bush Hog 10 Tooth Chisel	$1495 00	$3.00	'1144.00
6' Case 3 pt Rotary Chopper	$450 00	$2.00	'216.00
11' AW JD Transport Disc	$950 00	$2.00	'716.00
10' KBA JD Transport Disc	$1050 00	$2.00	'816.00
Grove Corn Drag	$350 00	$1.00	'233.00
Allied 1 Ton Grinder/Mixer	$2350 00	$4.00	'1882.00
MX 120 Hyd Drive Grinder/Mixer	$3850 00	$5.00	'3265.00
686 IH Tractor - 825 hrs	$14,900 0 0	$20.00	'12,560.00
717 NH Harvester w/1RN	$1950 00	$4.00	'1482.00
212 217 NI Single Beater Spreader	$1695 00	$4.00	'1227.00
214 217 NI Single Beater Spreader	$1595 00	$4.00	'1127.00
213 215 NI Triple Beater Spreader	$2550 00	$5.00	'1965.00
218 NI Spreader w/Hyd Gate	$3150 00	$5.00	'2565.00
IH 6x16 Semi mount Plow	$2190 00	$4 00	'1722.00
83 Oliver 2 Row Wide Pull	$2490 00	$5.00	'1905.00
Kasten 2 Beater 16' Unloading Wagon	$1890 00	$5.00	'1305.00
763 3 RN NI Uni Harvester Head	$1800 00	$4.00	'1332.00

Used Gehl 135 Mixall With Scales, 1 yr. old
IH 403 Combine w/3R Narrow Corn Head
NH 985 Combine w/13' Grain Platform
Clark Fork Lift, new overhaul
Used Skid Steer Loader, new overhaul

IH 1066 diesel cab, 18.4x38 tires, differencial lock, nice
JD 4020 diesel side console
285 MF diesel
IH 656 wide front end, weights, 3 pt.
JD 2640 diesel
JD 2030 diesel
MF 35 diesel

Horning's Farm Machinery
Ephrata, PA
717-733-7408

(New)
NH #311 Baler w/75 Thrower, Demonstrator
$7995

Case 1830 Skid Loader
$6900

PAUL SHOVER'S INC.
35 E. Willow Street
Carlisle, PA
717-243-2686

USED TRACTORS

IH 450
AC 175 D w/loader
AC 170 Diesel
AC 190XT w/cab
AC 7040 power shift
AC 7040 power director
AC 200
MF 135 Diesel
MF 165 w/loader
Ford 901
Oliver 770 D
Gehl 4500 Skid Loader

New Tractor Special

AC 6140 2 spool valve power change wheels

List $15,100 Sell **$10,900**

New Hay Equipment Special

MF 925 Mower Conditioner

List $8200 Sell **'4495**

USED EQUIPMENT

Gehl 600 Harvester w/ heads
Gehl 800 Harvester w/heads
Gehl 72 Flail Harvester
Gehl 95 Grinder Mixer
MF Rake - Balers
New Idea 324 Sheller
JD 10' Chisel 3 pt
Bush Hog Soil Hog 9 shank
IH Forage Box
Kasten Forage Box

New Tillage Equipment now in stock

AMCO disc harrow
Glenco Soil Savers
Glenco Field Cultivators
AC Disc Harrows
Bush Hog Chisels & Soil Hogs
Tye No-Til Drills

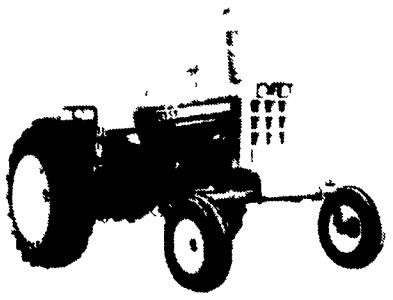
Peterman Farm Equipment

717-249-5338 or 249-2150
Farm & Lawn Equipment - Chain Saws
225 York Road
Carlisle, PA 17013

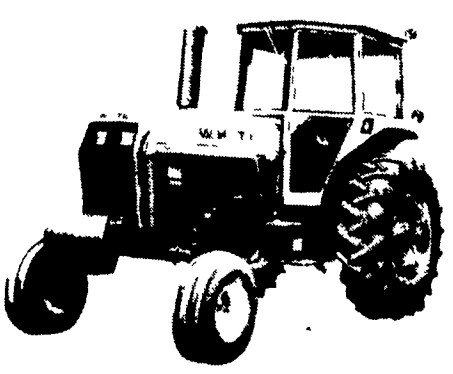
MF

ATTENTION

OLIVER And WHITE TRACTOR OWNERS



IF YOU NEED A BETTER SOURCE FOR PARTS & SERVICE



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WE TAKE PRIDE IN OUR WORK

WE HAVE AN EXCELLENT SUPPLY OF USED & REBUILT OLIVER TRACTOR PARTS

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Rebuilt Wide Front Axle Assemblies, Hydra/Power Transmissions, Over/Under Transmissions, Starters, Generators, And Water Pumps. Reconditioned Engine Blocks, Crankshafts, Cylinder Heads, & Connecting Rods.

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RD 4, East Farmersville Road, Ephrata, PA 17522
Located in the Village of Farmersville, Lancaster County
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Bolens DIESEL TRACTORS

WHITE FARM EQUIPMENT

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

SMITH'S IMPLEMENTS, INC.

Mercersburg, PA 717-328-2244

NEW MACHINE SPECIALS

JD 2440 Tractor
JD 6620 Sidehill Combine

USED MACHINERY

JD 4040 Tractor w/148 loader, SG, PS, Air, Radio, 1359 Hrs. excellent — $29,000.00
7000 JD 4 Row Dry No-Till Planter — $6,000.00
1440 JD 4 Row Dry No-Till Planter — $3,200.00
JD 336 Baler w/30 Ejector (like new) — $4,200.00
JD #716 Wagon w/1275 running gear, roof & 3rd btr., 10 ply tires, real nice — $6,500.00

Plus Several Good Disks & Plows To Choose From

TRACTORS

MF 50 w/loader, 180, 165, 190 & 90
IHC Super A, Cub, C, 656, 1468, 806, 130, 2606 & 706
Ford 801 diesel 9N, 8N, 9000, 8000, 5000, Major diesel & 771
Case 800, 930, 1030, 211 B w/loader, & 303

OTHER EQUIPMENT

Gehl grinder mixer, 3 pt. backhoe, post drivers, scraper blades, post hole digger, truck snowblades, disc harrows, 3-4-5 bottom plows, manure spreaders, NH balers.

Now dismantling selected tractors for parts - Call for information.

Keener Equipment, Inc.
1531 Manheim Pike
Intersection of 283 & 72
717-569-9861

Eckroth Bros. Farm Equipment

RD 2 Box 24A
New Ringgold, PA 17960
717-943-2131
7:30-5:30 Mon.-Fri. 7:30-4:00 Sat.

NEW EQUIPMENT SPECIALS

IH 5088 Tractor (SOLD rental unit, 250 hrs.)	$34,000*
IH 540 Manure Spreader	$3,300*
IH 781 Forage Harvester w/2 R Corn Head	$11,500*
IH 1190 9' Mower Conditioners	ea. $6800
IH 425 T Baler	$5800*

* Cash rebate or waiver of finance available

USED COMBINES

IH 815 combine w/2 heads
205 IH combine w/2 heads

USED EQUIPMENT

Leyland 270 Diesel
Leyland 384 Diesel
Ontario grain drill
#56 Blower, nice
674 diesel, exc. cond.
T5 crawler, real nice
NI #402 hay rake
430 IH baler
NI 214 manure spreader
706 IH tractor
Ford 8600 tractor
IH 1066 w/cab & ac
404 IH tractor

★ ★ SPECIALS ★ ★

TRACTORS RAKES WAGONS
PLOWS FORAGE BALERS

S.G. LEWIS AND SON, INC.

352 N. Jennersville Rd., West Grove, Pa.
215-869-2214 or 215-869-9440

SPECIALS

SNH #782 Forage Harvester w/#824 corn head	$12,400
SNH #718 Forage Harvester w/#824 corn head	$9,650
SNH #25 Blower	$1,600
SNH #8 Crop Carrier w/roof & 238 wagon	$7,100

HAY

SNH #451 Mower w/7' Cutter Bar	$1,860

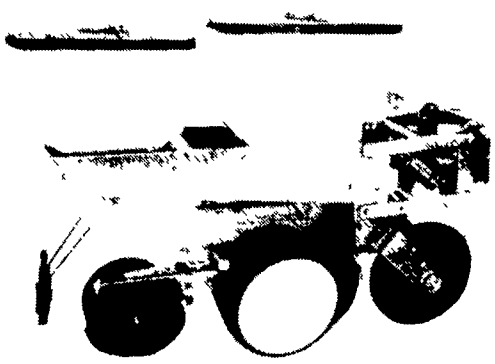
Don't be fooled by lower prices on "will-fit" parts. The management of other brand dealerships recognize the value put into genuine Sperry New Holland parts and service.

This is what made Sperry New Holland the leader and No. 1 in hay and forage equipment. When a problem arises or you need parts or service, call your authorized Sperry New Holland dealer.

FOR LOW-TILL OR NO-TILL

JOHN DEERE

Save fuel, time, moisture and soil with a Max-Emerge conservation planter



Here's a rugged planter you can rely on in most soil conditions, including stubble and many sod fields.

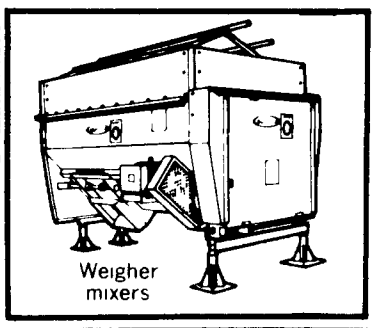
Heavy-duty springs help transfer weight from the Heavy frame to each planting unit to keep unit-mounted coulters in the ground. Frame-mounted coulters and cast-iron firming wheels are available, too, for extra-tough conditions.

Whether you no-till, low-till or conventionally till your ground, these 4-row (30 to 40-inch rows), and 6 and 8-row narrow models can help you save fuel, time, moisture and soil See us soon for details.

YOUR BUTLER® | Livestock Systems DEALER

DEPENDABLE MOTOR CO.

East Main St., Honey Brook, Pa. 215-273-3131 · 273-3737



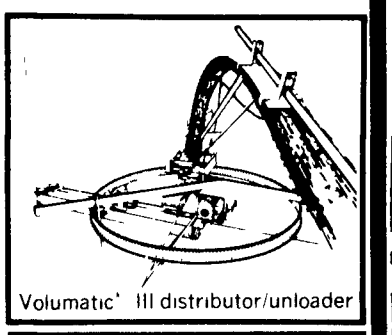
Weigher mixers

IN STOCK

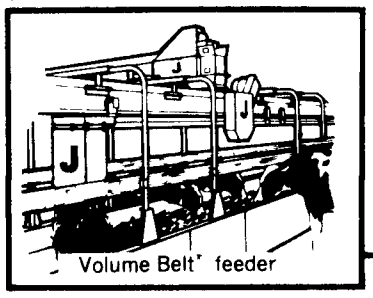
New Butler 1830 Trailer Mixer

New Butler 115 Stationary Mixer

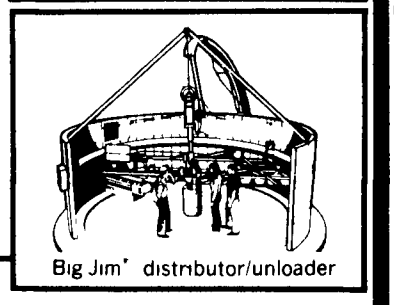
Rental Butler Trail Pump - 28 ft.



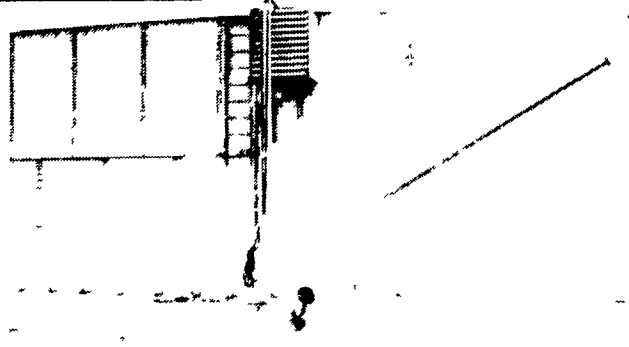
Volumatic® III distributor/unloader



Volume Belt® feeder



Big Jim® distributor/unloader



Butler Liqui Stor system with side mount pump

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A.B.C. GROFF EXCLUSIVE!

VERSATILE 2 ROW MOUNTED MAXI-EMERGE PLANTERS

Planter frame for small and medium-sized farmers is being manufactured and marketed by ABC Groff Inc., of New Holland.

FEATURES

- Infinite Row Spacing From 18" to 42"
- Can Be Used For Conventional Till, Minimum Till Or No-Till
- Can Be Used For Planting Sweet Corn In The Furrow With Special Furrow Openers

CALL FOR DETAILS AND PRICES

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JD 4240 TRACTOR
1100 Hours, Dual Hyd., Diff. Lock, Like New
$17,000
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REPAIR & REWIND - ALL BRANDS
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Call 717-354-5566
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½ hp. thru 10 hp. 1 ph.
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JD 2020 w/loader
Case 1570
MF 1135, cab & air
JD 3010
(2) MF 1155 w/cab & air
MF 180
MF 550 combine w/1143 corn head
IH 3200 Skid Loader
L & M BURKHOLDER
Ephrata, PA.
717-859-2960
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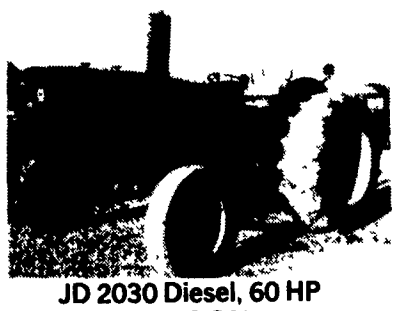
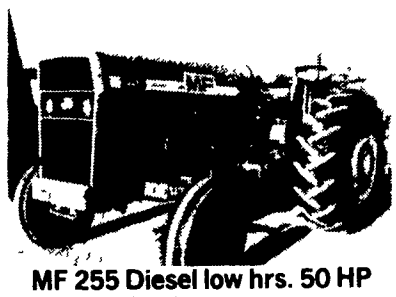
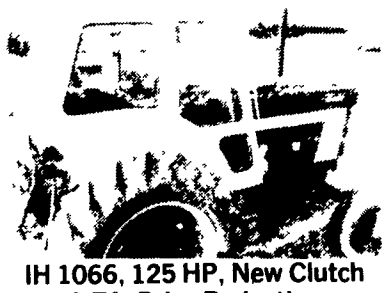
New Year's savings
ON QUALITY USED EQUIPMENT



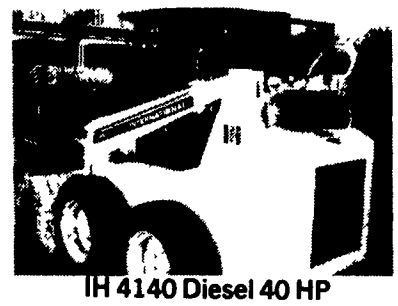
JD 2030 Diesel, 60 HP
$5500.00



MF 255 Diesel low hrs. 50 HP
Price Reduction
~~$11,250.00~~ **$9850.00**

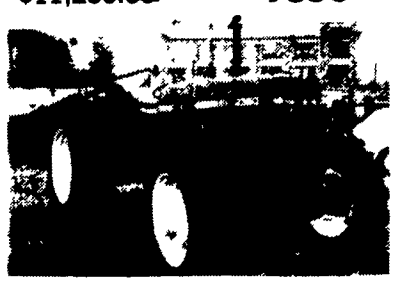


IH 1066, 125 HP, New Clutch & TA, Price Reduction
~~$13,500.00~~ **$10,900.00**



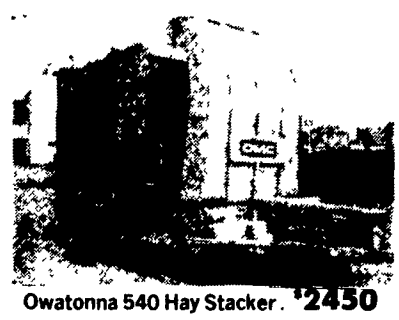
IH 4140 Diesel 40 HP
$7850.00

JD 4020 Diesel, Power Shift
Price Reduction
~~$9500.00~~ **$8500.00**



JD 2350 with Caster Action MFWD, 55 H.P., 340 Hours
Take Over Remaining Lease Purchase Payments.
Call For Details.

JD 520 Gas, 38 HP
(Loader Extra)
$2250.00



Owatonna 540 Hay Stacker. **$2450**
Owatonna Stacks Mover. **$1250**
Economical Hay System
Excellent For Corn Fodder

TRACTORS
JD 4430 125 H P, 4 Post Roll Guard, Duals **$19,500.00**
MF 180 Diesel, 63 H P w/Multi Power **$5800.00**
JD H with Cultivator **$1250.00**
JD 3020 Diesel on Steel **$7500 00**
JD A Tractor **$875.00**
Mitsubishi Stallion S 750D Diesel 33 HP With Front End Loader **$6500.00**
JD 2040 40 HP 113 Hours Factory Warranty **$11,500.00**

PLANTERS & DRILLS
JD 1240 Plateless Planter **$1700.00**
JD 1240 Plateless Planter **$1650.00**
JD 1240 Plateless Painter **$2600.00**
IH 56 Corn Planter **$1350.00**
Fertilizer Auger Fill Attachment For 4 Row Corn Planter **$300.00**
JD 246 2 Row **$250.00.**
JD 7000 Regular 6 Row Narrow w/Dry Fertilizer, Monitor, Insecticide **$7700.00**
JD 18 x 7 Grain Drill **$2100.00**
JD 7000 Conservation 6 RN w/Liquid Fertilizer, Insecticide **$7500.00**
Twin Row Tobacco Planter **$425.00**
JD 7000 Conservation 6 Row w/Liquid Fertilizer **$8650.00**
JD FBB 15x7 Grain Drill w/Fertilizer & New Grass Seed Attachment **$1800.00**
JD 1240 Planter 4 Row **$1250.00**

SPRAYERS
George White 310 Gal w/35 ft Boom **$2200.00**

COMBINES & ATTACHMENTS
JD 3300 Diesel with 343, 3 Row Narrow Corn Head **$25,700 00**
NH 960 13 Ft Grain Platform **$2850.00**
NH 960 13 Ft Grain Platform **$3600.00**
NH TR85 Combine **$38,500.00**
NH 972 Grain Head **$4950.00**
NH 718 Harvester **$3750.00**
NH 962 N6 Corn Head **$9500.00**
MF 410 Gas Combine w/13 ft Grain Platform **$9500.00**
NH 962N4 Corn Head **$4600.00**
NH 962N4 Corn Head **$4500.00**

RAKES & TEDDERS
Pequea 9 ft PTO Tedder **$995.00**
IH 14 Rake **$1050.00**

TILLAGE
JD F130 Plow 4 Bottom **$400.00**
IH Rotary Hoe **$1295.00**
IH 55 10 Tooth Chisel Plow, Pull Type **$1975.00**
JD 45 2 Bottom Plow 14", Demo **$975.00**
JD 925 Roller Harrow, 10 ft **$1595.00**
Case 28 Blade Transport Disks **$1250.00**
IH 55 Cornsertill 9 Tooth **$4500.00**
JD 4 Bottom Plow **$695.00**
IH 530 Plow, 3 Bottom **$695.00**
Glencoe SSP-7 Soil Saver **$3450.00**
JD 300 A Disk Harrow 11 ft 32 Blades **$1800.00**
JD 950 Roller Harrow 12 ft **$2500.00**
JD 115 Disk, 10 ft 28 Blades like new **$2800.00**
JD F130 Plow, 4 Bottom **$400.00**

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NH 717 R1 Corn Head **$450.00**
NH 717 R2 Corn Head **$650.00**
NH 822 Corn Head, Low Profile **$2000.00**
NH 707 3 Point Harvester, 1 Row **$2250.00**
Fox 728 2 Row Corn Head **$500.00**
NH 707 3-Point Harvester **$2050.00**
NH 717 Harvester **$650.00**
NH S717 Harvester **$2450.00**
NH 728 Hay Pickup **$425.00**
NH 717 R1 Corn Head **$350.00**
NH 718 Harvester **$3750.00**
NH 880 R2 Corn Head **$1300.00**
NH 880 N3 Corn Head **$1250.00**
NH 770 R2 Corn Head **$650.00**
NH 880W Hay Pickup **$1150.00**
NH 822 Corn Head **$1600.00**
JD 35 Harvester **$1250.00**
JD 1 Row Corn Head **$650.00**
NH 707 Harvester w/Corn Head **$1500.00**
NH 707 Harvester **$3300.00**
NH 718 Harvester **$2800.00**
NH 717R2 Corn Head **$685.00**
NH 737W Hay Head **$350.00**

BALERS
JD 24T Baler **$1500.00**
NH 269 Baler **$1600.00**
NH 269 Baler w/53A Thrower **$2550.00**
NH 273 Engine Baler **$3250.00**
JD 336 Baler w/30 Ejector **$4350.00**
Gehl 1500 Round Baler **$3250.00**
NH 276 w/Thrower **$3850.00**
NH 275 Engine Baler **$3400.00**

LOADERS
JD 143 (Never Used) **$2300.00**
JD 37 Loader **$650.00**
JD 45 Loader **$375.00**

MOWERS & MOWER CONDITIONERS
JD 1380 Windrower Conditioner Mid Pivot **$5450.00**
JD 1209 Mower Conditioner 9 ft **$2700.00**
IH 990 Mower Conditioner, 9 ft **$1600.00**
JD 1209 Mower Conditioner **$3750.00**
NH 489 Haybine, 9 ft **$7200.00**
NH 478 Haybine, 7 ft **$3550.00**
NH 467 Haybine, 7 ft **$2350.00**
JD 336 Baler with Model 30 Ejector **$4350.00**
Oliver Trailer Mower **$425.00**
Woods 5 ft 6 in Rotary Cutter **$495.00**
NH 467 Haybine 7 ft **$2350.00**
NH 489 Haybine **$4800.00**

MISC.
Front Blade for 8N Ford **$525.00**
(2) **Richie** Cattle Waterers (New) **$235.00**
16.9 x 28 Tire Chains **$200.00**
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JD 60" Manure Bucket **$450.00**

SPREADERS
NH 513 177 Bu **$2350.00**
NH 518 210 Bu **$1800.00**
Spin Spreader 8 5 Bushel **$450.00**
NI 218 w/Hyd Endgate **$2800.00**
NH S676 Spreader **$3000.00**
NI 218 w/Hyd Endgate, Upper Beater **$3650.00**
Hawk Bilt 187 Flail Tank Spreader **$950.00**
New Idea 212 Spreader with Upper Beater **$1350.00**

MISC. HARVEST EQUIPMENT
NI #7 Corn Picker 1 Row $550 00
NI 325 Picker, Sheller, 2 Row Narrow **$3800.00**
Kools Blower $975.00
Zimmerman 36 ft Elevator **$1200.00**
Ford 618 Blower **$335.00**
NH 38 Crop Chopper **$2800.00**
Zimmerman 32 ft Elevator **$1050.00**
Gravity Bin with NH Gear **$695.00**
Little Giant 36 ft Elevator **$1800.00**
NI 311 Corn Picker 2 Row wide with NI 311 Husking Bed **$4800.00**
IH 1 PR Corn Picker 1 Row $1000.00
NI #7 Corn Picker 1 Row **$550.00 as is**
IH 2PR Corn Pickers 2 RW **$2450.00**

WAGONS & RUNNING GEAR
JD 1075 10 Ton, Never Used **$2000.00**
Stoltzfus 16' Bale Box **$650.00**
NH #8 Forage Box with NH #234 8 Ton Gear $3850.00
NH #8 Steel Forage Box w/High Sides and Third Beater **$3100.00**
Killbros 12 ton Running Gear **$1200.00.**
IH 51 Box w/IH 33 Gear **$2200.00**

GRINDER MIXERS
Owatonna 470 Grinder Mixer **$3450.00**
NH 358, 120 Bushel with Electronic Scales **$6850.00**

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Hanover Rd. & Honda Rd. on Rt. 116, 6 Miles West of Hanover Center

717-632-3443

Adams County

Wanted - 350 Farmall Diesel any condition, Bucks Co., 215-348-3196, after 7 PM.

4020 diesel, A-1 condition, new rubber, 18.4x38 tires. Lancaster County. 717-656-2824.

Oliver 1850 diesel, dual hyd., wide front, 814-793-4293.

David Brown 1200 Diesel w/loader, 814-793-4293.

IH 706 German Diesel, 3 point hitch, wide front, 814-793-4293.

For Sale - 325 bu. N.I. Spreader, hyd. tailgate, top beater, pan, new web 1 yr. ago $2950. Snyder Co. 717-374-8750.

3300 JD combine, like new, 427 hours; JD 38 harvester w/pickup. Good condition, 814-926-3669.

For Sale - 1980 AC gleaner, L2 corn plus, 400 hrs. on separator, 6 row narrow corn and 15' grain head, excell. cond., covered storage, $59,000, Warren Co., 201-479-4917.

JD 3010 diesel. 814-793-4293

IH 1066 with cab dual outlets, 3 point, 814-793-4293.

IH 1256 dual outlets, 3 point, original paint, real sharp, 814-793-4293.

IH 856 D, with roll guard, original paint, like new, 814-793-4293.

JD 720 diesel tractor. Nice running condition. $2,600. 215-445-5834.

For Sale - Oliver 387, 23, IHC, and JD 2 way sulkey plows for horses; JD KBA Disc, JD and IHC corn planters. 717-687-0102.

David Brown 1200 Diesel w/loader, 814-793-4293.

case

TRACTORS

- Case 1070
- Case VAC
- Case 930 Tractor "CK"
- Case 995
- Case 430
- David Brown 990 w Loader
- Oliver 500
- Oliver 1755
- Oliver 1655
- White 2 105 Tractor
- Farmall C w/cult & Loader
- SAME Tiger 100 4 WD

LOADERS

- Case 1737 Skid Loader
- Case 1740 Skid Loader
- Case 450 Crawler Loader
- Case 450 Crawler Dozer
- Dunham Lehr No 22 Loader
- Int 3200 Skid Loader

TILLAGE

- Case 6 Bot Plow, 20
- Case Disc Harrow 10'
- Oliver 2 Bot Trailer Plows
- Used Cultipacker

HARVESTING EQUIPMENT

- Case 600 Combine w/3 Row Head
- NI Unisystem 702 Tractor, 710 Combine & 760 Harvester
- NI 709 Uni-System
- NI 316 Husker
- NI 315 Sheller
- NI 729A Sheller
- NI 767 Super Chopper
- NI 735 Cornhead
- NI 744N Cornhead
- NI 323 1 Row Corn picker
- NI 325 2 Row Corn picker
- NI 324 2 Row Corn picker
- IH 550 Harvester
- Case 300 Harvester
- NH 717 Harvester
- Gehl 1200 Harvester w/pickup and 2 row cornhead

HAY EQUIPMENT

- NH 479 Windrower
- IH 1002 Stack Wagon
- Hesston PT 10
- Hesston 1090 Windrower
- Dump Rake
- Bale Thrower Wagon
- Case Hay Rake
- NI Hay Rake
- NI 456 Round Baler

MISCELLANEOUS

- Ford 4 Row Corn Planter
- IH 400 Corn Planter 8 Row
- 8 Used Spreaders
- NI 218 Spreader

SPECIAL
• 8 USED WINDROWERS!

Hesston 1090 Windrower
2 Year Warranty
Demonstrator
$4,900!

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Bethel, PA
Phone 717-933-4114

(Combines on our lot)
Used J.D. 6620 Hydro w/heads
New JD 4420 fully equipt. 443 C.H. New M.F. 860 combine call for price.
Used White 9700 rotary w/4 whl drive, grain and 6 row C.H. 1977 JD 4400 Dsl. cab and air real nice; 1975 JD 6600D rotary screen, good cond. 1976 Int. 715D, w/air & 13 ft. grain, field ready, never used in corn. 1977 Gleaner L2 hydro w/6 row C.H. 1976 Gleaner FD w/air and both heads; 1976 Gleaner KKS cab & air w/grain, 1976 Int. 915D w/810 grain head $18,900. 1979 MF 550D, excel. w/grain and corn heads. 1975-MF 510D hydra. w/grain and 43 corn for $16,800.
MF 410 D. w/cab & Q.T. Grain head.
MF 510D w/cab, Quick Tach grain for $6950, Sale Price $5850. Case 960 w/cab and grain, real nice, $3950.
1968 Gleaner CII diesel w/cab and 4 row C.H. for $5250. JD 7700 D w/grain & corn head.
1969 MF 510D, cab & 2 heads for $9500.
MF 300 w/cab & 2 heads for $2900.
1969 JD 55 sq. back corn special w/cab and 2 heads; Int 715 gas w/cab, 810 grain Int. 810 13 ft. floating cutter bar.
Int. 303 w/cab, 1972 Gleaner F w/grain & 4 row C.H. for $11,900.
Gleaner E w/cab and 2 heads nice and good; Gleaner E III w/cab and 2 heads.
AC 90 pull combine.
NI 702D w/cab w/chopper and 2 row C.H. $6250. 702 w/729 A sheller.
We have 4 N.I. Uni 729A shellers from $1500.
TRACTORS AND EQUIP. JUST PURCHASED (New A.C. 8050 P.S w/radial tires list 56, cost 44, our price $35,850. New JD 4250 w/front wheel drive.New Case 2590 fully eq. New Case 2090 Cab A.P.S. $22,900.00; used Case 2090 CA PS looks like new, used J.D. 4040 w/R.G. and QR-nice. JD 4230 w/QR for $11,400 JD 4430 w/ R.G. and P.S. Used JD 4640 P.S. fully eq. like new; JD 4630 cab, air P.S. w/front whl. drive; JD 6030 C.A. Duals all original; Farmall 1566 black stripe cab and air real nice, Farmall 1456 w/dual PTO, (SOLD) Int. 884 w/front whl. drive and cab, Int. 784 utility D, 1066 Hydro original, Farmall 70 Hydro. D, Int. 544 utility gas, Super M, AC 200D, JD 4010D WF nice, Oliver 1850 w/dual wheels, Farmall 706 gas WF and 3 pt., 766 original, JD 720D, WF and 3 pt., JD 70D, Int., 504 utility D. Oliver 770 gas, NI 325 picker w/sheller like new. NI 325 picker w/12 roll bed; N.I. 324 picker w/12 roll bed; Case 1370 C.A. PS - factory duals and full wts. JD 4010 D.W.F. Dual Hydraulic, (SOLD).
We have 3 real good JD 4010 D. w/W.F., NH 258 rake, Oliver 5B hydraulic reset plow.
NI Combines Just Dealt. NI 717 combine w/13 ft. grain; NI 738 4R N CH; NI 10 ft. direct cut head; NI 3 row 30" silage head.
(Tractors and Eq.- Just Received) MF 1135 CA MP real nice. Farmall 1468 C.A. $8850; Farmall 186 Hydro w/cab enclosure; Farmall 886 w/R.G., Farmall 756D WF and F.H. nice original, 756D WF 3 pt. INT. 656 utility D, nice original Farmall 504 tri D original Farmall 460 gas-$1875. Farmall 450 2/2000 loader. NH 357 Grinder- Mixer $3850.
Used JD 66 and 65 Blowers.
White 2-155 w/cab, JD 3020 gas P.S. original, JD L w/Eq., 2 Used NI 323 1 row picker $2150 Used Int. 1190 haybine for $3250.
AC 7010 C.A., P.S.,20:8x38 tires, full wts., light package looks like new, Ford 7600 w/dual power. Farmall 966 original for $9800.00. Farmall 504 original w/P.S. and 3 pt.Oliver 880 W.F. fully equip. JD 4010 gas, JD 2840; Farmall 1066 w/cab & air $12,800. Int. 444 utility gas, w/P.S. for $3850. Farmall 1066 for $9950. (SOLD) Farmall 1586 C.A. w/20x38 duals used 1200 hrs. extra nice, Farmall 656 gas. 706 gas, 504 w/W.F. & Loader. JD 730 D, nice. JD 620 w/PS, JD M w/plow and cult, JD 60 w/loader; JD 3020 PS w/cab, D.B. 990D.Hay eq. just traded, used NH 320 baler, Rakes, new NH 256, MC 9E Rotary Scythe.
New Holland 1034 Auto - Bale Wagon used 3 yrs. NH 1012 18 ft. hay bale wagon on 8 ton running gear.
JD 3020 Tri D. JD 4020D W.F., D.L. and 2 values w/cab. JD 4020D W.F. P.S. 2640, Farmalls 1586 4 post R.G. w/duals, 1086 w/cab, 1206 extra nice, 756D W.F. original, Farmall M.
White-4 whl. drive, 4-180 fully eq. for $15,850 (Tractors Coming in) Int. 4786 and Int. 4586 - four whl. drive, JD 4020 D., W.F., P.S. and diff locks. Used JD 4440 C.A., 1972 JD 3020 D. WF, JD 4840, fully equipped w/dual whls. real nice, JD 4430 C.A. QR, AC 220 original nice $8950, Farmall 1486 fully eq. like new. JUST TRADED- used Int. 3588 2+2 Int. 986 w/cab, M w/NI 319 mtd. picker, Case 1410D. (Harvesters) NH 890 w/3 row 30" C.H. 2 row snapperhead and pickup head. JD 243 snapper head. Forage Wagons.
JD 216 - tandem axle. NI 325 picker w/12 roll bed, JD 237 mtd. picker and sheller.
(new) 2 NI 323 cornpickers at old prices. $5450.00
New NI 324 2 row picker for $9750.
Used Fahr rotary 7 ft. haybine. JD 340 12 ft. offset disc, Glenco SS9 Soil Saver, JD 210 14 ft. Disc, Hesston #30 Stakhand.
CHISEL PLOWS- new Ford 13-ft. 3 pt. w/gauge whls.
HAYBINES- (new) Int. 1190 List $8900. Our Price $6450. (SOLD). New NI 272 cut/ditioner- $3800; Used NH 489-$4000; Used NH 489-$3875 ; N.H. 461 real nice; N.H. 479. Used JD 1209 $2475; New & used Grim 4 star hay tedders.
Used NI 279 Cut ditioner.(Just Traded) N.I. 702 uni w/729A sheller and 743 3 row Q.A. corn head, real nice and field ready.
New AC 7010 w/20 sp. trans. Used 966-1 owner original, 1972 JD 4020, 3020 S.C. power shift, JD 4020 S.C. w/cab, 1968 JD 4020. MF 1135 w/cab. Farmall 350 w/P.S. and F.H., Farmall 450 gas PS and F.H., Ford 6000 Commander D.
Balers (new), NH 315 w/#75 thrower for $9300. NH 280 w/hydraulic tension and thrower. JD 336 Thrower.New Idea #456 round baler.
TRACTORS & EQUIP. Farmall 1566 w/cab and duals, Used White 2-105 w/roll guard, only 2 new ones left.
New John Deeres 4240 cab & air Q.R. for $30,000; New JD 4440 C.A. QR w/radial 20x38 tires for $36,250.00. Local trade ins - Used JD 4230 CA QR, JD 4320, 4020 side console, 3010 gas, Ford 6000D W.F. Equipment - JD 8200 grain drill and grass seed, JD 1209 Haybine, JD 336 Baler, Gehl 940 Forage Wagon. Six real nice balers, NH 851 Round Baler (nice); (SOLD) JD 500 Round Baler; Hawk Bilt round baler. 2 used NH baler w/throwers #280, 269.
Int. 420 w/thrower.
Corn Heads JD 643, 444, 244, 243, 843, 343, 443, 435N, 313 for 45C, 235, Massey Ferguson 1144 like new, 63, 43, 44, 24, 222, 422, Gleaner L438, F430, F438, K238, F335, F330, M430, K330, Int. 863, 864, 844, 744, 843, 227, NI 4 row 40" heads, Case 4 row 40", MF 44 & 43 Lo Profile, NH 4 row 38" C.H. New JD 444 $7350 reduced to $6875. JD 443 used 2 seasons; Gleaner A430 used 4 years. 60 corn heads on lot. NI 738 and 728 4 row 30"
New Int. 810 13 ft. grain head.
Used Gleaner L2 grain heads.
3 used MF 63C Corn Heads to pick from. 4 used #810 Int. 13 to 16 ft. reg. and floating heads.
(New Farmalls) 5088 C.A. for $34,850 New 3688 fully eq., $30,800.00.
(Used Farmalls) 986 w/cab, 686 nice. 706 gas. 1206 real nice, used JD 4230 w/R.G. and creeper gear, 1966-4020. We have 7 JD 4020 side console diesels. JD 2640, 1970 JD 5020, JD 4430 C.A., Q.R., 1972 JD 3020 D., W.F., JD 3020 w/power shift and cab, Farmall 130 w/1 row cult., Farmall 460 D. w/loader $1875, JD 4010 D., W.F., w/dual hydraulic, Ford TW20 w/cab w/220 hrs., damaged. 1972 JD 4020D, WF. JD 2630D.
New NI 324 picker w/super sheller list $15,390. Special $8,475. Farmall 706 w/310 German D w/cab, JD 2520D, MF 1135 w/R.G. and dual wheels, MF 1105 w/cab, real nice, (SOLD) Int. 656 utility Hydro D. NH 890 2 row snapper head. JD narrow 30" 2 row head, like new.
NI 325 pickup w/12 roll bed used 4 yrs.
TRACTORS JD 4320, Farmall 544 gas W.F. Farmall 706D WF & 3 pt.; NI 324 picker w/super sheller used 80 acres.
JD 4020 W.F. power shift, good tires ; Case 1070 P.S. $6975; JD 4010 Tri D, Farmall 766, Case 930 Standard, New Holland 770 w/2 row 30" C.H. NH 890 Harvester w/2 heads, Deutz 9006.
CULTIVATORS - New Case 3 pt. 8 row Hydro fold. JD 4 row & JD 6 row rear.
CORN PICKERS - New NI 325 w/12 roll for $11,800, used N.I. 325 w/12 roll bed current model. Used (2) N.I. 324 w/12 roll bed (325 N. w/sheller), NI 3 row 30" picker w/super sheller, New Idea shellers and Super shellers, N.I. 2 row 30" picker w/ grinder. NI 319 mtd. picker, JD 300 w/2 or 3 row C.H. JD 300 w/243 C.H. NI 311 - 2 row
JD 4020 w/58 Loader, JD 4320 w/cab, JD 5020 - Pull Tractor.
Farmall - 1568 w/cab & air used 1000 hrs., 1566 w/cab, 1466 w/cab. 886 w/cab, 800 hrs., like new. 856 w/38" tires, very nice; Farmall 460 Gas w/F.H., Farmall 756 gas, Hi Crop- 656 diesel, 756, Farmall cub w/mowers.
HARVESTERS. Used JD 3960 w/long tongue, used JD 3940, JD 3800 w/2 row C.H. and pickup for $2850, N.H. 890 w/3 row 30"; NH 890 w/2 row; NH 770 w/2 row 30" C.H. Int. 720 - 2 row. Fox 2 row snapper head. NH 770 1 row snapper C.H.N.H. 890-2 new snapper head, new N.H. 890 new corn head used N.H. 770-H824 2 new corn head.and pickup head, Fox 2 row 30" Silage Head, JD 1 row snapper head for 38 & 3800. JD 4 row Stalker head, like new.
ALLIS CHALMERS AC 180D w/cab and air, 185 w/turbo. 7040 w/cab, power shift like new, low hrs. 220 original, 210 w/new 20.8x38 tires, AC H3 Crawler w/blade and winch.
2 JD 4 wheel drives 8630 fully eq. w/duals; & 7520 fully eq. w/duals.
JD 4010 LP Gas (nice) $3750.
JD 4030, JD 5020 puller. (SOLD).
FARMALLS. 1066red cab & air, Used 686 w/cab & air, 1206 w/cab, 806 w/3 pt. & 38" wheels, Farmall 656 Diesel & 656 gas, Farmall hydro 70 w/w.f. and 3 pt., 826 hydro D nice.
New White 2-65 w/front whl. drive and new 1730 loader, list $29,000.
Dealers net $23,700. Our special price $21,850.
New White 2-105 w/cab $22,850.
MASSEY FERGUSON - 2745 with cab and dual whls. 1085 w/cab, original 2 MF 1155 w/C.A. M.P., MF 1130 for $6250. MF 165D.
(Case) New 2090 Cab & Air, power shift. Case 930D real nice, Case 930 Standard D. real nice, Case D.B. 1200 for $3900. Oliver 1950T w/Cab for $6950.00. 2050, 1855 w/20:8 tires, 1850 w/cab, 1855 w/duals, MM Vista 1000 w/cab and loader, MM S670 diesel.
AC D 170, WF, Farmall Super A.U. (SOLD.
Fords, Jubilee, (SOLD) 850.
N.I. 702 Uni tractors w/ combines & 729A and 729 Uni shellers w-3 & 4 row 30" and 40" heads. Used JD 13 to 15 ft. grain heads.
IND. EQUIPMENT - Int. 500E crawler loader w/270 hrs., like new. Cat 933 crawler loader.
Int. 2400D L&B, Case 584 B.D. Forklift.
AC 600-21 ft. forklift.
Int. 3400D. L&B Howard 3 pt. backhoe, Long 1199A-3 pt. Backhoe like new $3850.
Bobcat 720 Hydro Skid Loader.
Ferg 30 w/loader. Mechanics Specials.
Case 1410 motor. Farmall 706 gas needs trans work, $2900.
MF 1155 CA MP $8850.
PLANTERS- Used Int. #800 6 row fully equipped w/no til and monitor-NICE. (new) White 5100 4 row planter w/monitor, JD 1460 6 row no-til liquid plateless Inst. - $1975, JD 6 row conservation inst. fert. fill, population monitor and acre fully equipped. Used White 5400 4 row air, w/dry, Inst. no til and monitor for $2000.
AC 4 row no-til fully eq. w/monitor. (SOLD.
Used JD 4 row conservation w/liquid fert. and monitor, Oliver 6 row no til w/dry fert., inst., fert. fill and population monitor JD 444 corn heads from $2450 and up.
Papec Grinder Mixer.
Cabs for JD and Int. Tractors.
Glenco 12 ft. 9" Soil Finisher like new.
Brady 14 ft. pull chisel plow w/Buster bar. Int. #5500-13 ft. chisel plow, Int. 9 ft. Chisel plow, new 9 shank soil saver, used Athens 10 ft. offset disk. Caldwell 7 ft. heavy duty 3 pt. blade.
Pick-up heads for NH 770, 717, Miller 12 ft. offset disk, JD Disks #210 - 12x14 ft. New Westfield grain augers 41 ft. 8" KD=$1395, 56 ft. 8" KD=1995. Used Manure spreaders - (new) N.H. 363 tank spreader for $3675. NI 214 nice, JD 54, Kawannee 10 ft. & 12 ft. roller harrow, good.
Brillion 13 ft. roller harrow, We have new 4,6,8 ton running gears at low, low prices.
2-used Danuser Post Hole Diggers.
New Grimm Hay Tedders New and used Grimm 4 star hay tedders.
NH 36 Flail Chopper; Brady 722 Flail Chopper.
PLOWS - Ford 6xsp, reset, onland hitch, like new, Int. #710 7x16 sp, reset on land hitch, Int. #720 5x6x18 sp. reset. JD 2500 6x sp. reset, JD 5x hyd. Int. #700 5X auto reset, fully eq., Int. #710 6x16 sp. reset, J.D. 5xSemi trip rollover. Oliver 4x16 rollover, JD 3x16 rollover, Chisel Plows. Brady 12 ft. & 10 ft. chisel plow 2-Brillion 10' 3 pt. chisel plows Rockland rock picker. New Johnson loader.
Used JD 310-12 ft. disk like new, new 12 ft. 3 pt. field cultivator.
New Landoll 24 ft. hydraulic fold chisel plow.
Straw choppers for combines; JD 4400, 7700, 6600, MF 510, 550.
JD Disks- TWA 12 ft.-14 ft. heavy disk.
Ford 12 ft. Heavy Disk. Used JD 400 15 ft. rotary hoes, Kawanee 22 ft. Wing Disk.
DRILLS- Used JD 8300 21x7 DD w/press wheels.
Int. 510-16x7 D.D. w/Fert. and grass seed.
MF 43-21 SD grain.
JD B 16 DD w/grass seed.
Loaders - Used JD 146, JD 58, Int. 2350, 2250, like new, also set of forks, like new MF #246 like new (new) G.B. loader, 3 pt. hitch for 630 and 730 JD tractor. New and Used J.D. Quick Couplers. 2 Used 30.5 x 32 tires.
No Til Attachment for Int. 4 row 400 planter complete.
TRUCKS - 1979 Chev. C65 24 ft. rollback w/61,000 miles, like new, 1976 KW Truck Tractor w/350 Cummins D. 13 spd. all chrome wheels and fully eq. looks like new, Delta 44 ft. combine trailer, 1980 Silverado Chevy diesel w/every option, looks like new.
(New) NH Direct cut head for 770. (New) Kill Bros. gravity bins. New Kill Bros. 6 & 8 & 10 ton running gears. Pick up heads for Int. 550, 650, 350, Fox pickup head, (20) sets of dual wheels all sizes.
JD front & rear weights, IH front and rear weights.

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New Tillage Equipment

IH 720 5F 18 auto plow
IH 510 4F 18 plow
IH 475 12 disk harrow
IH 480 13 disk harrow w cyl
IH 496 19 disk harrow wing flex
IH 4500 VS field cult 12 6
IH 5511 Chisel Plow
IH 6511 conser till

New Hay & Forage Equip.

IH 428 baler w/thrower
IH 1190 mower cond
IH 781 harv w/2R head
IH 881 harv w/2R head
IH 130 16 forage box w tan 12T gear

Material Handling

IH 2250 loader w/72 bkt
IH 1250 grinder mixer
IH 30 3 pt blade 8
IH 40 3 pt blade 8

USED TRACTORS

IH 3088, 80 hrs (like new)	$20,850	IH C	$1250
IH 1086 D w/cab	$22,500	IH 484 D w/300 hrs	$10,500
IH 966 D hydro w/cab	$12,500	IH Super C, real nice	$2150
IH 706 G, w/wide front	$5850		

Waiver of finance until 3-1-84

USED HAY AND FORAGE EQUIPMENT

IH 37 Baler w/thrower	$1800	Lamco 16' forage box w/roof	$1850
IH 430 baler w/thrower	$2850	IH 56 forage blower	$750
NH 27 forage blower	$975	IH 45 conv. blower	$100
JD 34 forage harvester w/2 row head	$1500	Gehl Forage box	$1250

Waiver of finance until 6-1-84

USED TILLAGE

Oliver 565 4-5F 16" semi. plow	$1650	IH 401 16' Harrow	$600
Oliver 565 5-6F 16" semi-plow	$1750	JD 6-7F 16" on land plow.	$1500
IH 720 4F 16"auto. plow w/cyl (real nice)	$3850	King 9' HC Chisel 3 pt. w/buster bar	$1650
IH 710 5F 18" auto. plow w/cyl.	$3950	IH 560 6F 16" plow w/cyl	$1500
		IH 550 5F 16" plow	$1250
		IH 710 5F 16" plow w/cyl	$2250
		IH 541 4F 16" 3 pt. plow	$500

Waiver of finance until 3-1-84

SPREADERS AND MISC.

NH 679 tandem spreader w/hyd endgate	$3500	5th Wheel Steer Wagon chassis w/elec brakes and tires	$450
NI 214 spreader w/hyd endgate	$1850	Little Giant Snow Blower, 6' w/VH4D Wis. Engine, elec Start w/clutch, 24" Auger	$2250
Portable loading ramp (for cattle)	$200		

USED PLANTERS AND DRILLS

IH 56 4 row	$1250	IH 400 6 R 30" Planter, w/insect	$3500
IH 400 4 row 38"	$1500		
JD Van Brunt drill	$500		

Waiver of finance until 5-1-84

WHITE TAG SPECIALS

	L.P.	S.P.
IH 881 f. harv. w/pick-up	$16,633	$12,950
IH 1250 gr. mixer	$ 8,023	$ 6,650
IH 510 4F-18" plow	$ 4,859	$ 3,650
IH 40 3 pt. blade (heavy duty), 8'	$ 1,310	$ 995
IH 130 Forage Box	$ 6,491	$ 4,450

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DB 990, 995, 1200
IHC 684, 656, 674, 574, 460, 400, 300, 350, A, B, BN, H, M, C, W4, W6
JD 2010, 60, 430, 420, 40, MC A, B, 1020, LA
Oliver 66, 77, 1850
MF 20, 30, 50, 65, 85

Industrial:
IHC 3616 Loader
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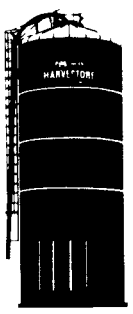

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2580 Structure/Goliath Unloader $33,000.00
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* * *

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2580 Structure/Goliath Unloader $1,136.10 per month
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1 - PATZ 12-16 Basic Unit
1 - PATZ 16-20 Basic Unit
1 - STARLINE 12' Unloader Complete Rebuilt $1900.00

1 - Used (as is) Supreme Batch Mixer Unit 8 Ft. - w/Scales - Needs Repairs $1250.00

1 Gehl #800 Recutter-Blower w/540 & 1000 PTO - Good $2000.00

WILL TRADE OR BUY STARLINE #70 SILO UNLOADERS

1 - Complete Set Of Steel Wheels To Fit I.H. 544 Tractor

1 - Used Galv. 35' Single Chain Conveyor w/Heavy Chain $495.00
1 - #200 Roller Mill w/3 H.P $1000.00

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LONG'S GLASS-LINED STORAGE SYSTEMS

(1) CORRUGLASS® BINS

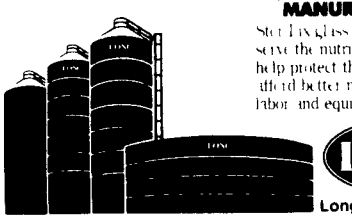
Long incorporates the strength of corrugated steel with a protective coating of glass fused to steel to produce the lowest cost glass lined oxygen limiting storage system for high moisture grain. Brother bags and choice of bottom unloader with tapered power driven sweep auger or standard 6 auger unloader with clean out sweep arm complete this system.

(2) OXYGEN LIMITING, GLASS-LINED SILOS

The smooth wall silos with glass fused to steel protective coating are designed for high moisture grain and medium moisture silages for brother bags and bottom unloader with power driven sweep auger for grain or chain unloader for forage and grain complete this system.

(3) STOR-LOX® LIQUID MANURE STORAGE

Stor-Lox glass lined tanks help preserve the nutrient value of manure help protect the environment and afford better management of time labor and equipment.



LONG
Long Mfg N C Inc

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SALES SERVICE
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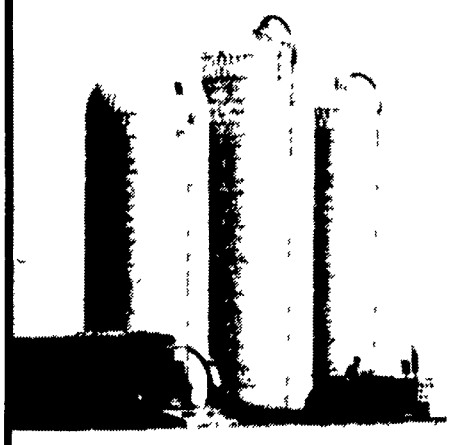
SEE US AT THE FARM SHOW

MADISON® SILOS...



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STARLINE LAIDIG

★ Nutri-Matic® Atmosphere Controlled, Bottom Unloading Silo For Haylage.
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★ Madison Silo® Top Unloading Silo For Corn Silage.

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- Silo-Matic Unloaders
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- Laidig Bottom Unloaders

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We Have New & Used Silo Unloaders. Call us for all your silo need. Detweiler Silos, RD 2, Box 267D, Newville, PA 17241. 717-776-6321 or 717-532-3039.

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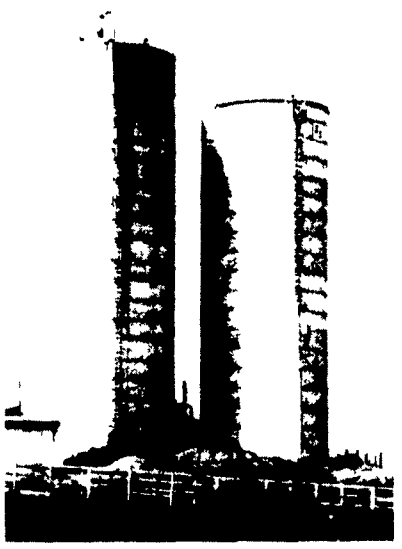

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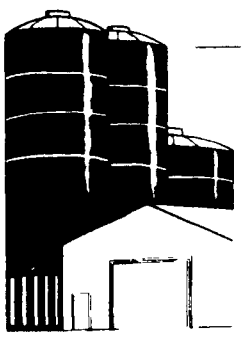

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Palmyra, PA 17078

Call: Nelson L. Ziegler
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Services Available
1 Service Maintenance, Dig-Outs, Long & Short Arm, Etc
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New Unloaders for Forage & Grain
Belt Shuttle Feeders & Chain Conveyors
Auger Feeders & Conveyors - 10" & 13"
Batch Mixers/Weighers

KEYSTONE ENERGY-PAK
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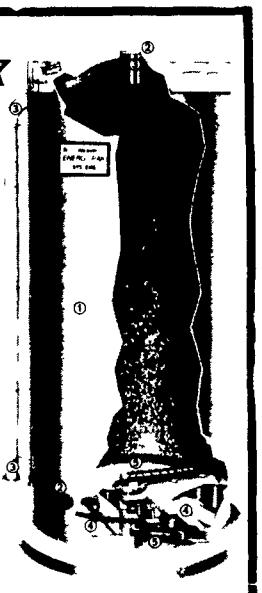

① MONOLITHIC CONCRETE STRUCTURE
② CAM-LOCK DOORS
③ BLOW-IT-FULL FILLING SYSTEM
④ ZERO-PRESSURE MONITORS
⑤ LITTLE DAVID. RING-DRIVE BOTTOM UNLOADING

KEYSTONE ENERGY-PAK SYSTEMS, INC.

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Join the growing Energy-Pak Family—Call us today!

Compare these unloader differences yourself!

BOTTOM-UNLOADER FEATURE	SUPREME UNLOADER	OTHER UNLOADERS
Exclusive chain guide minimizes chain wear Keeps cutting knives at proper angle	YES	NO
Requires no short-arming in all but toughest conditions	YES	NO
Separate drive mechanism for forward and reverse cutter arm control	YES	NO
Super-heavy construction to assure long life and reliable operation	YES	NO

Dollar for dollar, feature for feature, you can't beat the Supreme Forage Challenger Unloader.

Fits right into the trough of most bottom-unloaded silos Can be moved from one silo to another Cutter arm position indicator shows position of arm inside silo Center-post casting is built to withstand shock loads of more than 100,000 lbs Only one motor powers entire unloader Minimizes risk of electrical failure Ask your dealer to demonstrate the Forage Challenger soon

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- **Van Dale Products**
  - All New Magna Trac Ring Drive
  - Silo Unloaders 10' 30' New & Rebuilt
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FICKES SILO COMPANY INC

- **Double Chain Wood Conveyors w/Slip Clutch & ¾" Bottom**
- **Taper Board Feeders & Belt Feeders**
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K & S INC.

RD 1 Quarryville, PA 17566
PH: 717-284-3111

GRAIN EQUIPMENT

For Sale - 45' 6" Mix-Mill grain leg, 8 hole distributor, good condition, Lancaster Co., 717-898-8927.

BUILDINGS & SUPPLIES

For Sale - 12'x24' calf haven, slatted floor with built-in pit, needs work, $400. 717-627-1724.

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WEDGCOR STEEL BUILDINGS
SYSTEMS SPECIAL
NEW YEAR SALE

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30x40x12 Slant Wall w/16'x11' sliding door	$7,149	$5,191
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50x100x14 Straight Wall w/16'x14' Framed Opening in end wall, 14'x12' framed opening in side wall	$22,169	$14,761

All Sizes Include Delivery To Your Site.

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I will try to repair all makes & models you might have

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For Sale - California pellet mill, Roughinger model, capacity 9 ton per hour, good condition, 717-865-6611.

2 MFS 36' grain bins, complete with floor and unloading system. 17,000 bushels each ready to haul away. 609-299-4971.

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1 Grain Systems storage bin, 10,500 bushels, 33' diameter, ladders, unloading auger, motors, Klean Sweet System, Chillcure drying system, grain spreader, moisture tester. Call ASCS, 717-652-8401 before January 30, 1984 or details.

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Prompt Unloading
We Buy And Sell

Combining and Hauling

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Loc: ½ Mile North of Bird-In-Hand on Beechdale Rd.

* Grain Bins, 1800 bu. cap. As Low As. $1551
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(New or used)

* Rolfes Fans: Vane Axel or Centrifugal for Aeration or Drying
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Used 8"x16' Auger w/ Motor Mount & Hopper . . $395.00
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DAIRY EQUIPMENT

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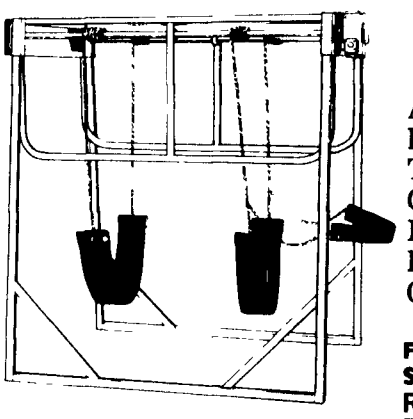


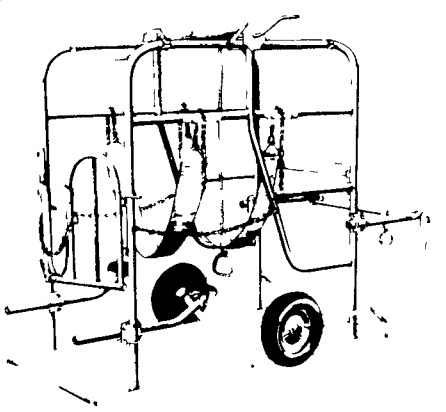
PORTABLE LIFT FOR DOWN COWS

At A Price Every Dairyman Can Afford. This Take-Anywhere Cow Lifter Does Not Injure The Animal And Is Extremely Easy To Operate.

FARM SHOW SPECIAL . . . $625.00
Regular Price...$855.00

HOOF TRIMMER STALL

Isn't It About Time You Had One Of Your Own? Don't Upset Your Cows.



See In Operation At Our Display At The PENNSYLVANIA FARM SHOW

Also See Our Other Ads Located Throughout The Paper.

GRAIN EQUIPMENT

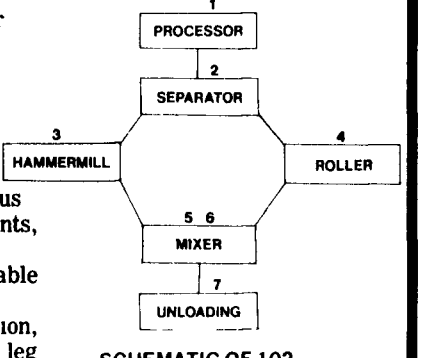
FEEDMOBILE BATCH-MAKER

102 CRUSHER

Attachment for 102 Feedmobile or Batch-Maker. Designed for better ear corn conversion. Rolls grain and hammers cobs, trash, and remixes material.

Mobile or stationary. Powered by diesel, PTO, or electric.

1. Process grain, ear corn and etc.
2. Separates grain from cobs, fodder and foreign matter.
3. Hammermill with various screens grinds debris or cobs to any size particles desired.
4. Rolls grain to any texture desired.
5. Batch mixing of both materials plus adding of proteins, micro nutrients, molasses and vegetable oil.
6. Electronic digital scales available under the mixer.
7. Facilities for bagging of finish ration, air unload, auger unload or leg unload.



SCHEMATIC OF 102

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Call For Quotes On New Or Used Equipment Or Service For Your Existing Equipment
LEASE PLANS AVAILABLE

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For Sale - Supreme piston manure pump. Berks Co. 215-488-6077.

4 Surge mini cup units; Surge elec. pulsation complete; 42 stall cocks; 8 Surge breaker cup units. 814-472-9660.

Used metal feed bin 1 to 3 ton. 717-653-4449.

REAL

DAIRY EQUIPMENT

For Sale - 3050 lbs. Surge bucket milkers, elect. pulsation. Kesco dumping station with hose. Tolan bulk tank with compressor 3700 lbs. capacity. Berks Co. 215-488-6077.

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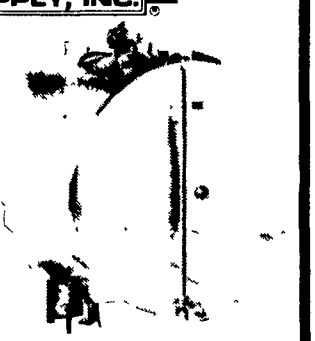
NOW AUTHORIZED DEALER FOR

SUNSET SUPPLY, INC.

NEW IMPROVED!
Sunset's bulk coolers...set new, high standards in milk storage



New, improved, rugged triple wall construction with high density foam and fiberglass insulation.

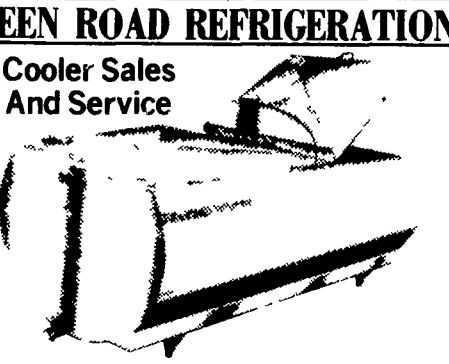
Sunset's completely automatic 6-cycle tank washer/sanitizer

USED TANKS AVAILABLE

FOR PROMPT SERVICE CALL 717-354-4158 OR IF NO ANSWER CALL 717-354-4374

QUEEN ROAD REFRIGERATION

Cooler Sales And Service



When you're thinking of buying a New or Used Bulk Milk Cooler, please call and we will give you a price.

The following list of Used Coolers are available now or in the near future. Call us for date of availability.

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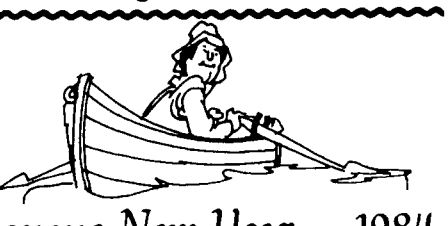
(1) 300 Gal. Zero
(1) 400 Gal. Zero
(2) 500 Gal. Zero
(1) 600 Gal. OH Mueller
(1) 600 Gal. SC Milkeeper
(1) 600 Gal. Milkeeper
(1) 600 Gal. Girton
(1) 600 Gal. Mojonnier
(1) 800 Gal. Sunset
(1) 800 Gal. DeLaval
(1) 800 Gal. Cherry Burrell
(1) 900 Gal. OH Mueller
(1) 1000 Gal. Sunset
(1) 1000 Gal. Zero
(1) 1000 Gal DeLaval
(1) 1250 Gal. Dari-Kool
(1) 1250 Gal. Surge
(2) 1250 Gal. DeLaval
(1) 1500 Gal Dari-Kool
(1) 2000 Gal. OH Mueller
(1) 2000 Gal. Walker
(1) 2500 Gal. OH Mueller

USED COMPRESSORS

• 3 HP Lehigh • 3 HP Tecumseh



Joyous New Year . . . 1984

Hope yours is afloat with much success and oceans of fun. Best wishes to all!

Complete Sales & Service

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Box 67, Intercourse, PA 17543
Phone: 717-768-9006 or
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60 used left hand barn cleaner paddels for Patz, good condition $1.50 each, 3 corner wheels, vacuum line and gauge. Call 717-532-3841 Cumberland Co. Pa.

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DAIRY EQUIPMENT

DAIRY EQUIPMENT

RUBBER MATTING
FARM SHOW SPECIALS

* COMFORT STALLS
* FREE STALLS *
* HORSE STALLS *
* CATTLE & HORSE TRAILERS *
* HOG PENS & HOUSES

All Sizes Available & Custom Cut
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RAISE HEALTHY DAIRY CALVES IN A SOLAR CALF KENNEL FROM 1 PEN TO 6 PENS

The kennel has 4- 4'x8' individual pens, is on treated skids, hay racks, feed troughs, bucket racks included. We make them any size or color made by order. Also calf shelters for older calves or heifers.

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786-1243 Call in eve.
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BOU-MATIC MILKING SYSTEMS

(1) Used Bou-Matic Parlor w/8 units
(1) Surge 3" around the barn pipeline
14 Bou-Matic detachers late style, automatic take-offs
(6) Detachers Model 2100 M's with DHIA approved meters

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- 450 Gal. Dari-Kool (round)
- 500 Gal. Mueller
- 545 Gal. Sunset
- 600 Gal. Mojonnier
- 600 Gal. SOLD ueller
- 600 Gal. Jamesway
- 600 Gal. "OH" Mueller
- 800 Gal. Mueller
- 800 Gal. Zero
- 850 Gal. Sunset
- 1000 Gal. Girton
- 1500 Gal. Dari-Kool

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Reconditioned
SPUTNICKS
For
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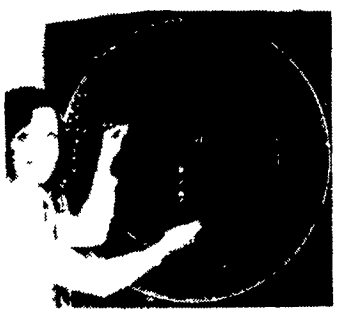
BRAY BREEDING CALENDARS

Make your breeding program more profitable!

150 Cow Model . . . $225.00



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Weaverline Electric Feed Carts

Fans For Your Winter Ventilation Needs

Good Supply Reg. Holstein Stock Bulls

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KEN RUTT
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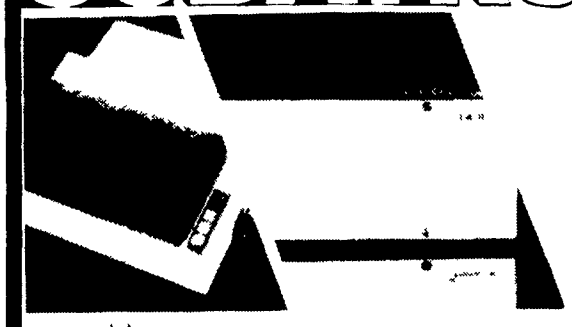
WESTFALIA HIGH TECH DAIRYING® CODATRON

Best Wishes For The New Year!



Individualized computer feeding system

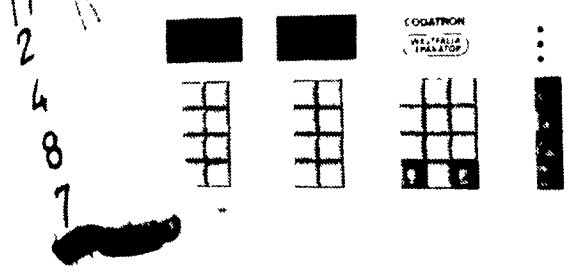
To be successful in dairying today you know how important it is to be in complete control of your feeding program and to have all the information possible on each and every cow. That's why Westfalia has developed the Codatron individualized computer feeding system.

With Codatron milk production and profits can be maximized while minimizing health problems thanks to an early warning system. And unlike many other units Codatron is an expandable system that won't become obsolete.

The feeding system is quality built and basically foolproof and automatic. You'll have daily report of herd condition and performance. Ration adjustments can be made quickly and easily. You'll be alerted to problem cows fast.

The Codatron is available in two basic models. The F-26 with feeding capabilities to 999 cows up to 26 feeds, double ration capability with daily consumption report. The Model 10 offer feeding plus breeding management capabilities and the room for all Westfalia Codatron is designed for expansion into parlor, dairy milk functions and home computer interfacing. Watch for new breakthroughs to be introduced soon!

Contact your Westfalia Sale Center today. Find out why Westfalia is truly the leader in high tech dairy equipment.



Stop By The Westfalia Display At The PA. Farm Show... Booth No. N1, N2 & N3!

WESTFALIA SYSTEMAT

See How The Codatron Feeding System Can Make Money For You In 1984!!

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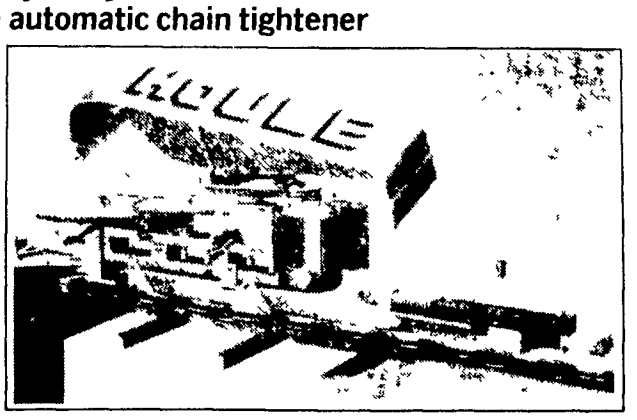
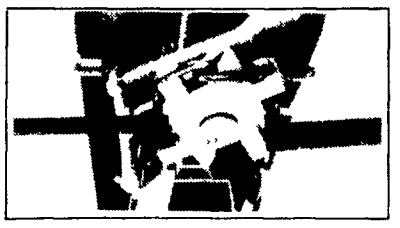
Heavy-duty drive unit
with automatic chain tightener



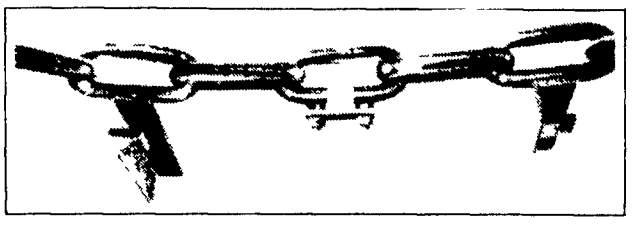
Houle heavy-duty drive unit will put up to 180 m (600 ft) of chain

New sprocket



Excentric toothed sprocket specially built to perfectly drive new or used chain.

Houle is still manufacturing the same rugged chain after 22 years...



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- 7/8" Chain, Paddle 18" OC

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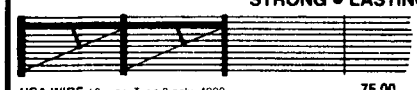
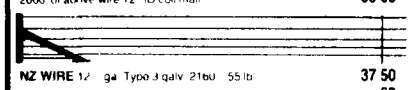
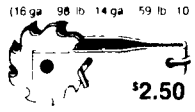


USA WIRE 12 ga Type 3 galv 4000	75 00
10 Coil 4000 wire (same as above)	650 00
2000 of above wire 12 rod coil mail	35 00



NZ WIRE 12 ga Type 3 galv 2160 55 lb	37 50
30 Coil of above 1b50 1720 lb 39 ¢ lb	60
NZ WIRE 35 45 lb coils All High Tensile (16 ga 98 lb 14 ga 59 lb 10 ga 24 lb)	75



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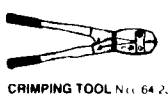
DONALD'S STYLE No 1 MINITITE	69
No Old Standard	2 95
HAYES STYLE with aluminum cog sprocket	2 50
HAYES HANDLE required to use above	5 95
SPRINGS galv .22 lb 1 compression	4 00
BRACE PINS galv 4 inch	25
6 inch	50
CRIMPING SLEEVES FW 2 3 1 ga (100)	9 99



CRIMPING TOOL No 64 234	95 00
SPINNING JENNY unwinds high tensile wire	36 00
CHAIN GRAB WIRE STRETCHER smooth grip	24 95
STAPLE DRIVER puts long staples into extra hard wood safely for eyes & hands	18 50
LD FIBERGLASS T POSTS notched 2 Oz $ ft	32
HD FIBERGLASS T POSTS self insulated $ ft	60
CLIPS for FIBERGLASS specify HD or LD (100)	3 50
CLIPS for WOOD 1 x1 2x1 or 1 x2 (100)	5 00

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DOUBLE NAIL PIN ON INSULATOR Pel 81 (50)	15 00
STAPLE INSULATOR channel lock P82 (100)	18 00
VOLTMETER DIGITAL READOUT Speedrite	69 00
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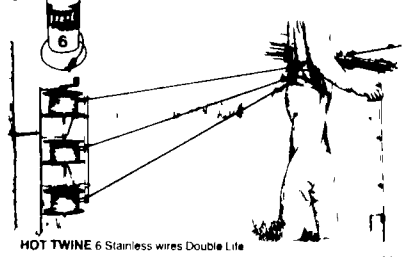
39 ft INSULTUBE Pel 32 for 12 ga	6 00
UNDERGROUND CABLE 330 ft	35 00
CUT OUT SWITCH stainless steel	6 50
ENERGY LIMITER for bottom wires etc	9 90

PEL PE6 PORTABLE FENCER lantern batt	65 00
PEL PE12 BATTERY FENCER 12 volt wet	156 00
PEL 100 POWER FENCER 110 volt	280 00
Powers miles of heavily weeded fence	
LIGHTNING ARRESTOR Twin Tower kit	3 50



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1650 ft	29 75
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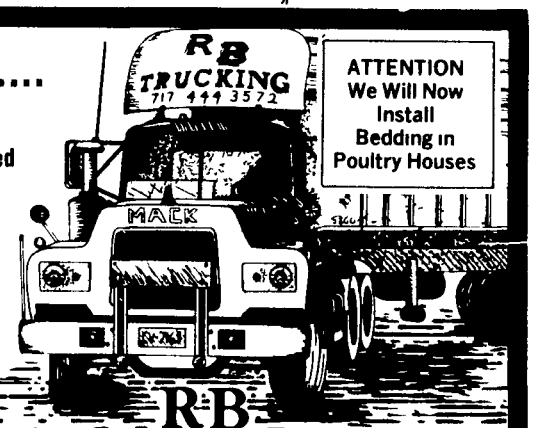

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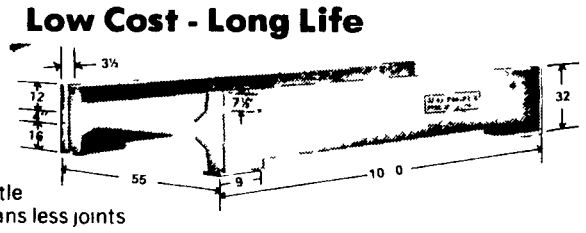

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- The right height for large and medium sized cattle
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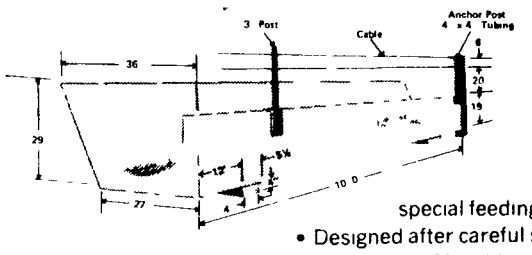
- More than strong enough to support roof system
- Feed conveyor easily suspended from Feed Bunk roof, allowing clean sweep of trough
- No corners to retain spoiled feed



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Limosine cattle. Percentage, purebred and full blood registered cattle for sale. Certified and accredited herd. Call 301-489-7180 or 301-489-4039.

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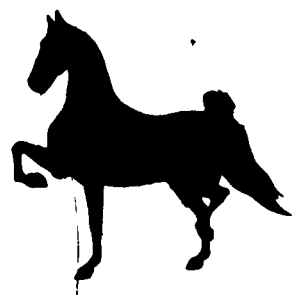

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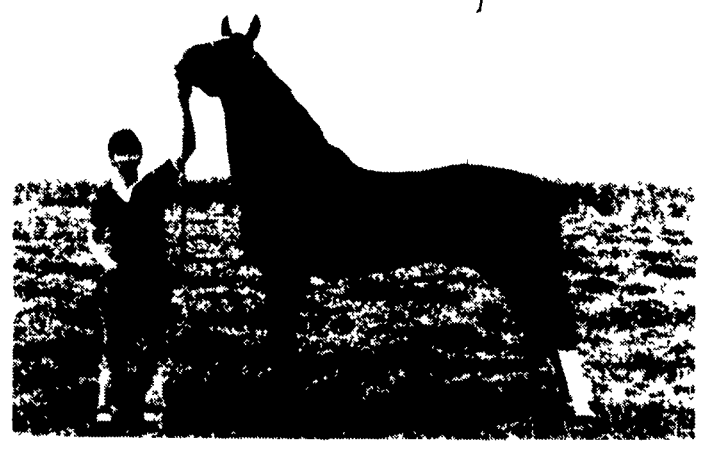

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100 OPEN GILTS
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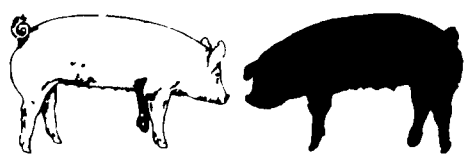

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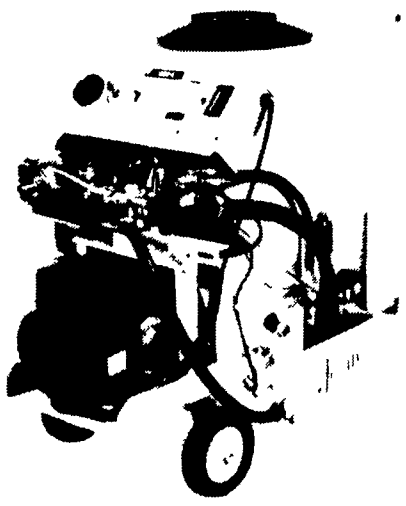

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Wanted - Dependable, experienced person to help milk and care for cows. Salary depends on ability. Call between 6 and 9 PM. 704-459-7632.

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Experienced herdsperson needed for 50 cow dairy farm in Lambertville NJ, house available, reference needed, Call Howard day, 212-719-2157, night 516-764-4854.

Man with management ability for modern broiler farm References and farm experience preferred. House included. Salary plus performance bonus. Berks Co. Reply to Box 366 J-295, % Lancaster Farming, Lititz, Pa. 17543.

SEED SALES. Research oriented, quality minded seed corn and farm seed company seeks Territory Sales manager for E. PA., MD. Sell proprietary seed through dealers to farmers. Ag background required. Sales experience preferred. Salary, company car, full benefits. Send resume to: Whitney-Dickinson Seeds, P.O. Box 250, Buffalo, N.Y. 14240.

Christian man with dairying experience for large modern dairy farm, references required, Lancaster Co., write to Lancaster Farming, PO Box 366, Lititz, PA 17543.

A national feed company is looking for an area manager to be located in Western Penn. Feed sales experience, farm background, college degree or agri business experience would be helpful. Salary plus bonus plan, excellent benefit package. Equal opportunity and affirmative action employer. action employer. Send resume to Box 366 J-296, Lancaster Farming, Lititz, Pa. 17543.

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Custom soybean seed cleaning at your farm, reasonable rates. York County. 717-993-2206.

Custom skid loader work, chicken houses etc., reasonable rates, 717-367-8221.

HELP WANTED

Help Wanted - Person to work on hog farm - 180 sow confinement unit. Must have experience with hogs and farm equipment. References required. 717-367-2906.

Dairy person for 100 cow herd, must have references. Burlington Co., NJ, 609-298-4776.

Christian family in Suburban Philadelphia looking for live in couple to help manage household and grounds, (4 rooms available) with own bath plus salary, call 215-642-0190.

Help Wanted - Responsible person for annual farm work on Lanc. Co. dairy farm. Clean modern house available. Good opportunity for right person. Write Lancaster Farming, Box 366, R-80 Lititz, PA 17543.

Person to do relief milking and part time farm work, for low rent on house, 717-548-3504.

Herdsman wanted for small registered dairy herd. Must be able to breed AI and do simple vet. work. Salary and benefits negotiable. Reply to Lancaster Farming, Box 366, L-09, Lititz, PA 17543.

Hog farm manager, PA meat packer w/farrow to finish operation. Needs manager for 500 sow operation 4-5 yrs. experience preferred Located in rural southern NY state. Housing available on premises. Send resume c/o Bruce Musselman, P.O. Box 70, Hatfield, PA 19440.

Wanted - hired person on small dairy farm, willing to work with draft horses, write to Lancaster Farming, P.O. Box 366, D-109, Lititz, PA 17543.

Acorn stable cleaner repairman needed. Call 215-948-3736 collect.

Wanted - A christian couple willing to take responsibility of managing an 80 cow herd. Salary includes percentage of milk check, house and other benefits. Opportunity here to work into a small herd of your own. Chester Co. 215-932-8999.

Married person must be qualified to be a milking herdsman or qualified to do general farm work, benefits, house, heat, light, beef, milk and eggs, hospitalization, dental care and vacation. 814-237-7763.

Herdsman to care for 50 milk cows and heifers
Excellent salary and benefits offered
Send resume and request for application (no phone calls)

to Weeping Willow Farms, R.D. 3 Box 919 Mount Joy, PA 17552

FARM FERTILIZER SALESPERSON FOR SOUTH JERSEY AREA
Salesperson needed for fertilizer company, farm background and sales experience is desirable. Some office work included. Interested persons submit letter and resume to:
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PO Box 366 J-297
Lititz, PA 17543

HELP WANTED

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With medium-sized orchard and farming operation Applicants should like outdoor work and be interested in agriculture as a career Experience should include several years in commercial agriculture with experience in operating and maintaining equipment Approx 2500 hours per year No Sunday work No layoffs Hourly rate Potential to $20,000 per year
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Pennsylvania Corporation has highly paid position for person with complete nutritional knowledge and sales experience with Dairy cows. Person must be a leader and self motivated. Rare opportunity for qualified individual. Executive type salary, transportation traveling expenses, profit sharing, hospitalization, etc. Write Lancaster Farming, P.O. Box 366, D-107, Lititz, PA 17543

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Available career exists for persons to sell for a growing sealed storage system in PA, MD, NJ, DE, NY. Full line of equipment associated with handling forages. Successful Ag. sales experience - Self motivation - unlimited potential. Corporation supported Adv. and prequalified leads. Interested persons should submit a cover letter and resume' by January 18, 1984. Reply to Lancaster Farming, P.O. Box 366, D-105, Lititz, PA 17543. Dealer inquiries welcome.

SITUATIONS WANTED

Experienced couple would like steady employment milking cows. Will relocate. References 717-548-3690.

Farm hand work wanted, preferrably Central PA, 15 years experience, good references, 717-543-6263.

Tenant farmer on shares for 50 acre farm in Lancaster Area. Large house, equipment provided. Reply to Lancaster Farming, Box 366, L-08, Lititz, PA 17543.

SITUATIONS WANTED

Young Christian family wishes to rent or rent with option to buy dairy set-up for 40-60 head. Prefer Southeast PA. Reply to Lancaster Farming, Box 366, L-07, Lititz, PA 17543.

Milking job wanted - Middle aged christian couple, non-smoker and drinker, would like job with honest farmer. Can furnish references if needed. Write Box R-81, c/o Lancaster Farming, Lititz, Pa. 17543.

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Ordained Minister desires rural church in Eastern PA or adjacent areas College and Seminary trained Theologically Conservative Presently serving church in Congregational Denomination, but will consider other churches interested in a Bible-based ministry Credentials and references available. Rev. Dennis Kletzing, Box 55, Bridport, Vermont 05734 (802) 758-2434

SITUATIONS WANTED

Responsible christian family man wants full-time work on dairy farm. Need house, benefits. Have experience and references available. 716-343-7482 evenings.

PETS

SITUATIONS WANTED

Would like to rent a dairy farm in Franklin or Cumberland Counties, prefer limestone soil, would need room for 60 to 75 milk cows, 717-532-3213.

PETS

BUSINESS OPPORTUNITIES

10% to 40% trouble with hy sulphur content hard starting cold weather, we can help you, Martin's Mechanic Shop, 717-922-1650.

PETS

NO!!! PUPS WANTED!!

Until Feb. 28, 1984

$100 for the cutest pup purchased on Feb. 28

I am still buying German Shepherds and German Shepherd look alikes. Also Bostons and mixed Bostons. Pick-ups arranged. Write or call me at home - J.P. O'Neill 3637 Hwy #1 Princeton, NJ 08540 Phone: 609-452-8903 early any morning if you want to contact JoJo.

ATTENTION
Pup stand closed at Root's Market. Please do not bring any pups to Root's as I do not need any until Feb. 28, 1984

WANTED!!
I need a nice big German Shepherd male, 1-2 years old for a watch dog Will pay up to $200 for the right dog

JO JO THE DOG MAN

I need nice Shepherd, Collie & Terrier pups. Also - cute Peek-A-Poos, Cock-A-Poos and anything cute & shaggy.

I need good healthy, clean pups, pure & cute mixed breeds, to 8 weeks old. Offering extra high cash prices. Baskets of cash waiting for you! Paying up to $75 for extra cute mixed breeds.

When I reopen on Feb. 28, 1984

See Me At

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RD 1 Manheim Every Tuesday 5 PM - 8 PM

P S. Please do not call Root's.

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FOR SALE - New and used automatic washers, dryers, gas and electric refrigerators, ranges, used wringer-engine washers, new bedroom furniture. Open 7:30 to 4:30; Saturday, 7:30 to 12:00; evenings by apointment. Myer's Washer-Dryer, Rt. 772, between Brownstown and Leola. 717-656-7169

2" new boiler flue pipe, exc. for gates or fencing. 717-872-9152 days, 872-2579 eves. and weekends.

One hive or 50, some with honey crop. Call 301-838-7648.

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For Sale - 1981 Olds, four door, automatic 40,000 miles, red and tan, like new, front, drive, air conditioned, Phone 717-273-6018.

For Sale - 1981 Ford Bronco 4 by 4, 4 speed, 30,000 miles, excellent condition. Call 717-229-2736.

For Sale - 1976 Chevy Beauville Window van 6 cyl., 3 sp., 36 inch seats. Haul for large family or small group, good condition. $1350. 717-865-3488.

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SALE on Maytag washing machine engines, brackets, and accessories. Honda, Briggs and Stratton and 4 A.M. air motors. If a similar model is found cheaper within 20 days, we'll pay you the difference. STOLTZFUS ENGINE SERVICE, 2447 Stumptown Road, Bird-in-Hand, Pa. 17505.

Sears - Kenmore electric sewing machine, top of the line including all attachments, in like new condition, mounted in Deluxe desk cab, $350; 8x10' handmade braided rug, all wool, $200; several smaller braided rugs, new $75 to $100 each, 717-626-6805.

Columbian cook stove w/water tank, rebuilt. Nice condition. 717-442-4279.

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Bought and sold new and used cardboard boxes; drums, plastic scrap, Reliable Recyclers, 114 S. Maple Avenue, Leola, PA 17540, 717-656-4211.

NOTICE: Lose 10-29 pounds a month. 100% guaranteed. Call your Herbalife distributor, 717-866-4298 concerning 30 day supply.

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Power Meat Saws. Also, Butchering Equipment and Supplies. P.J. Dantro and Company 1905 West Philadelphia Street, York, Pa. 17404. 717-843-6922.

Meat grinders, band saws, slicers and tenderizers. Also new slitting saws only $249. Gerry Grundy, Doylesburg, PA on Rt. 75, 200 yards north of Rt. 274. Open Saturday and Sunday, 10 a.m. to 4 p.m. Phone 717-349-7654 or evenings call 215-549-7584.

1"x2" mesh, wire sheets, 4½'-wide, 10'-long, 14 gauge, $3.50/per sheet. Good for fencing, dog kennels, green houses, etc. 717-354-9840.

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Pincor 35KW PTO 45 off, Berg heavy duty cleaner replacement chain $4.00 ft. below competitor, P&D silo UL 25% off, PVC pipes to 24". Lanc. Co. 215-445-5309.

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Collector buys old mechanical banks, two wheeled bicycles, surveying instruments. Cash settlement, 717-560-0639 (evenings).

Warm Morning coal heater, brown enamel finish, 66 lb. coal capacity 3rd season, $425. 717-656-9630.

Onan electric plant, AC120240 KVA 15, 1800 RPM, 15,000 watts, 62.5 amps, $2500, Berks Co., 215-689-5377.

60' of oil base board heating, hot water heater, A.O. Smith energy saver, cycler oil space heater, maple harvest dropleaf table and two chairs, 717-225-3179.

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Rabbit pens, different sizes, all metal and wire, also guinea pig pens. 215-584-1705.

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For Sale - Registered Australian cattle dog pup. Pick of litter. Male - 5 months old, shots, wormed, started on dairy cattle. Kathy Lawson, Rt. 3, Box 122A, Smithsburg, MD 21783. 301-824-3152. Will deliver up to 100 miles.

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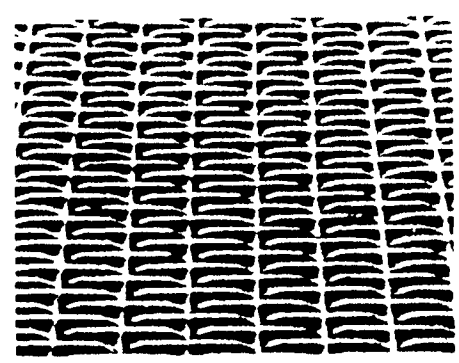
For Sale - Rabbit cages and equipment also breeding stock, Moses K. Lapp, 310 S. Groffdale Road, Gordonville, PA 17529.

AKC Registered St. Bernard puppies. 717-656-7159.



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HFA Type Summary, 7/83 PDT +1.00, Rpty. 79%
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DTR: TOPS-UP GINGER SPIRIT: VG(87)
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DTR: SCHWAB SPIRIT BESSIE GRADE
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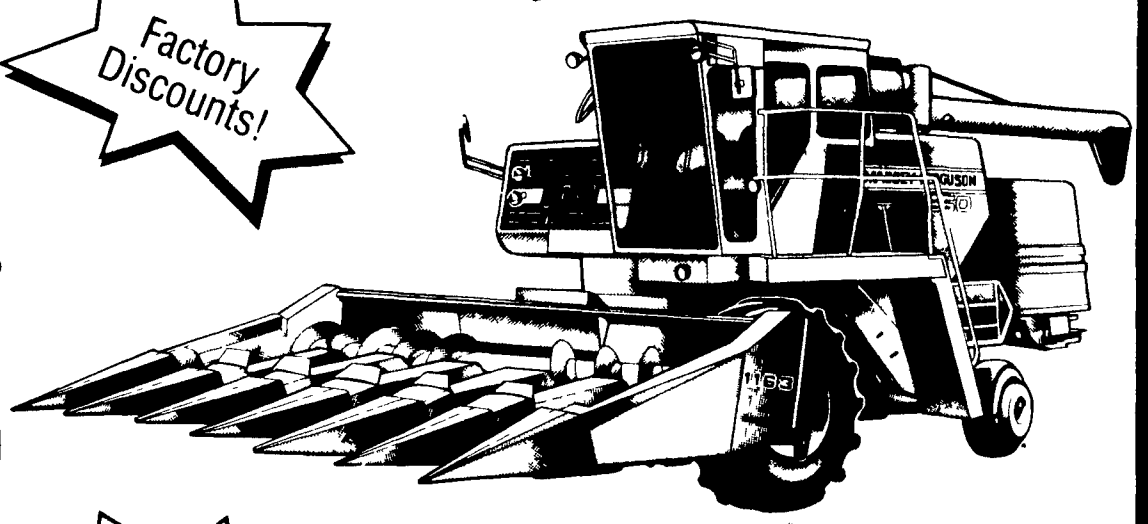

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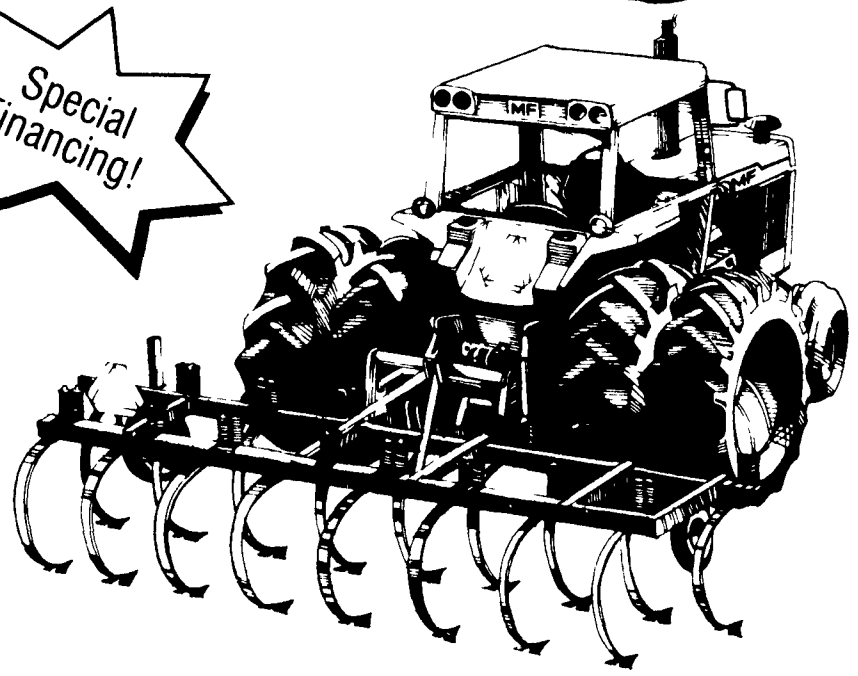

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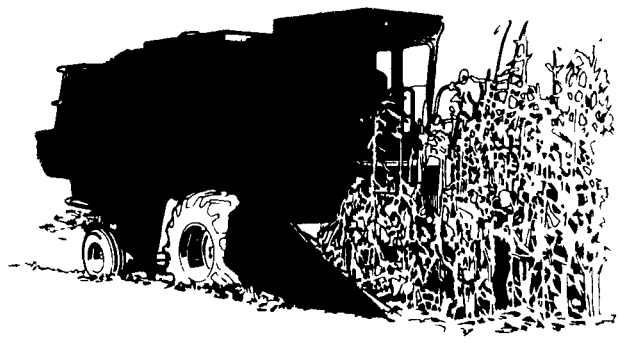

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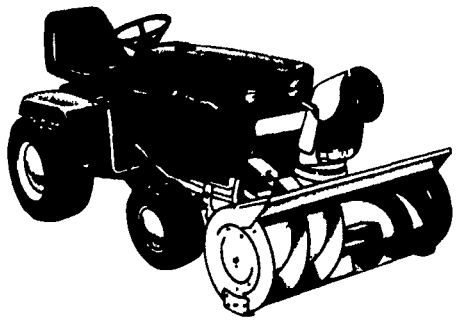

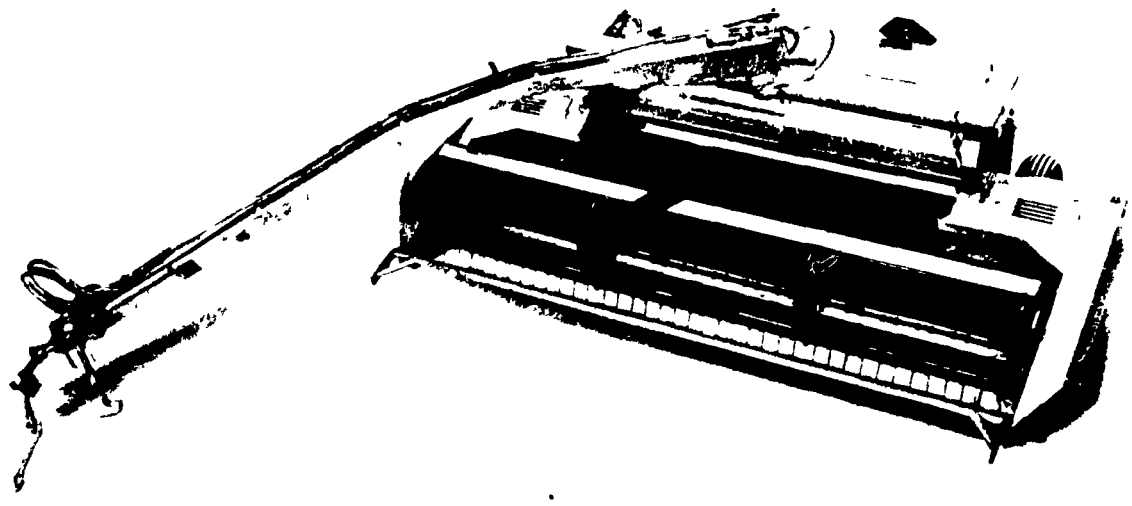

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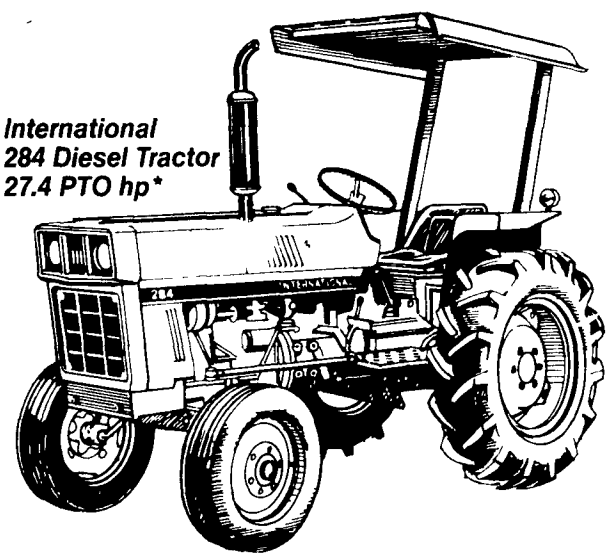
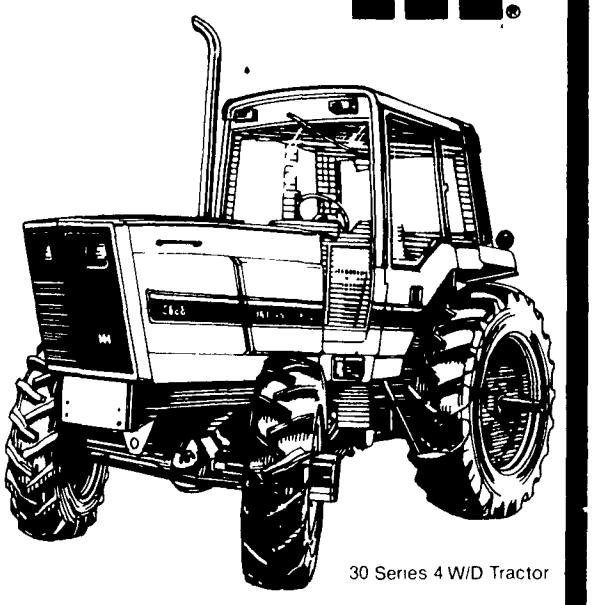


*International 284 Diesel Tractor 27.4 PTO hp**

5288 Tractor



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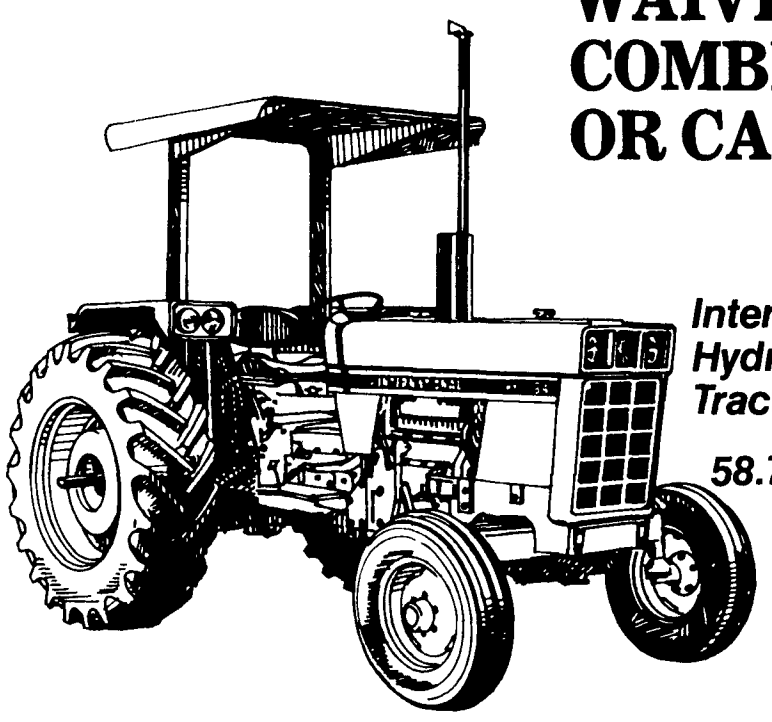

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320 FFA'ers to be awarded Keystone Degree

HARRISBURG — Some 320 FFA members from chapters throughout the Commonwealth will be awarded their Keystone Degrees in special ceremonies in the Forum Building on Wednesday afternoon.

As the highest degree awarded at the state level, the Keystone will go to those chapter members who have shown outstanding achievements and proficiency in their projects, leadership, competition and other phases of their Future Farmers of America program.

In addition to the Keystone Degree ceremonies, other highlights of the Mid-Winter Meeting of the Pennsylvania FFA Association will include:

–Parents with three sons or daughters who have attained the Keystone Degree will be awarded their honorary degree.

–Special citations will go to those firms and organizations who have demonstrated noteworthy support of the FFA in Pennsylvania.

–Honorary Degrees will also be awarded to recognize individuals who have expressed similar support of the FFA.

–In addition to the recognition of the state proficiency winners, Daryl Balmer, of the Little Dutchman Chapter at Annville-Cleona High School, will be cited for his national proficiency award in Placement in Ag Production.

–From the eight regional Star Farmer and Agribusiness winners, the top state "Stars" will be named and honored.

–Special awards will be made by the Pennsylvania Pork Producers and the Pennsylvania Jersey Cattle Club to the FFA'ers who have shown the top proficiency in these two areas.

FFA members from chapters in the southeastern and southcentral areas of the state who will receive their Keystone Farmers Degrees include:

Lancaster

Elizabethtown

JOHN DOHNER

John E. Dohner has held the offices of both president and secretary of the Elizabethtown FFA Chapter.

His projects have included the growing of tobacco and the finishing of swine. He has served on both the Fair and Banquet Committees.

Among the awards he has received are those in crop production, public speaking and Supervised Occupational Experience. He attended both the Washington Leadership Conference and Activities Week at Penn State.

In other activities, he participates in church and its youth group, softball, bowling and wrestling.

He is the son of Victor and Mary Ellen Dohner, R1 Elizabethtown.

His hobbies include sports and hunting.

He plans to follow a career in diesel mechanics.

DAVID KAUFFMAN

David C. Kauffman has conducted a variety of ag projects in the Elizabethtown FFA, including raising hogs and steers and the growing of squash, corn and hay.

Among major achievements in the chapter have been a first and second placing in Lancaster County meat judging in 1981 and 1982 and placing both as reserve and grand champion in tractor driving in 1981 and 1982.

He is the son of Mr. and Mrs. Joseph C. Kauffman III, of R1 Bainbridge.

He enjoys helping other farmers and takes part in hunting, fishing and trapping as hobbies.

He plans to pursue a career in agriculture.

KEVIN NOLL

In addition to being his chapter's Star Farmer, Kevin Noll has held the offices of reporter for two years, sentinel and vice president in the Elizabethtown Chapter.

Among his top awards in competition have been a second place in the county and state in Dairy Foods Judging and a silver medal in the national competition.

For his projects he has had two dairy cows and has farmed 70 acres in cooperation with his father.

He has served on the fund raising, fair setup and food stand committees.

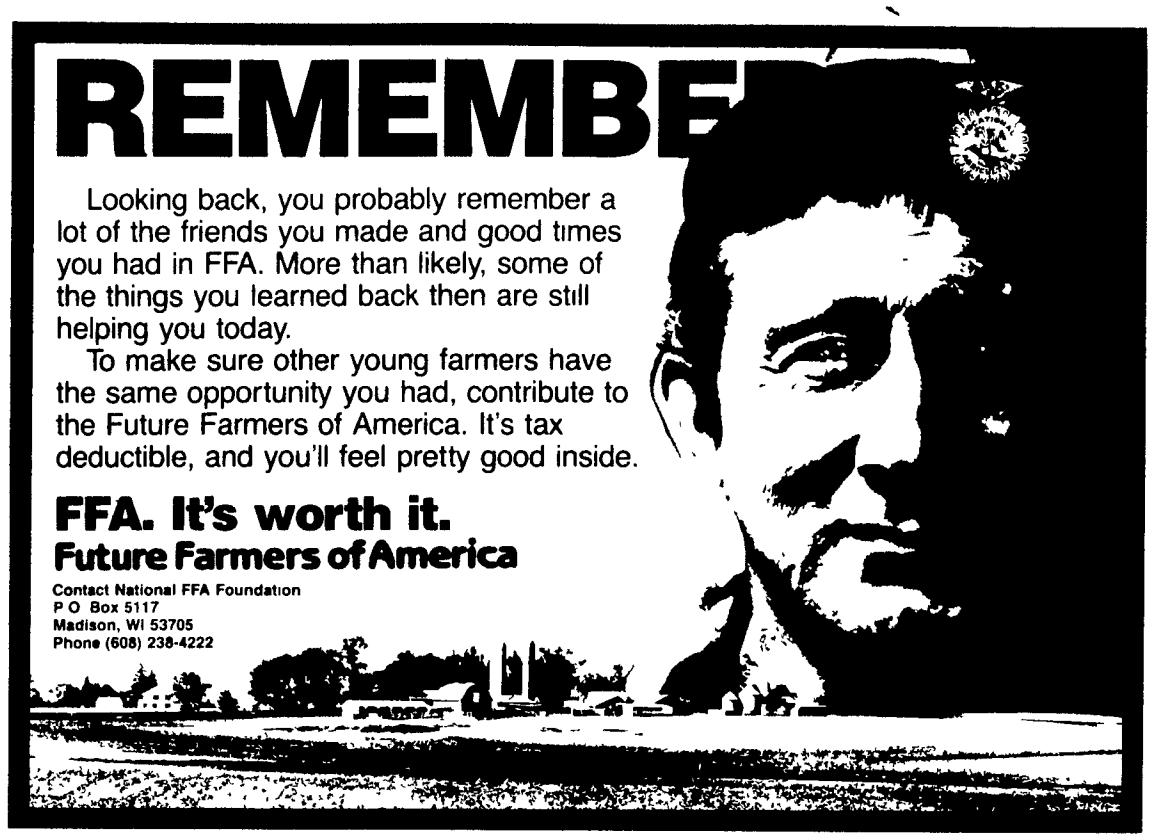
The son of James M. and Marian E, Noll, R3 Manheim, he is a member of the Congregational Bible Church Youth Group and its softball team.

Snowmobiling, skiing and hunting are his hobbies.

He plans to continue farming with his father.

TRACEY STOWE

Tracey Allyn Stowe has been presented a number of top awards for her activities in the Elizabethtown FFA Chapter, including Star Chapter Farmer, the DeKalb Award, Outstanding Senior Award and the County Bankers Award.


REMEMBE
Looking back, you probably remember a lot of the friends you made and good times you had in FFA. More than likely, some of the things you learned back then are still helping you today.
To make sure other young farmers have the same opportunity you had, contribute to the Future Farmers of America. It's tax deductible, and you'll feel pretty good inside.
FFA. It's worth it.
Future Farmers of America
Contact National FFA Foundation
P O Box 5117
Madison, WI 53705
Phone (608) 238-4222

Leadership in ag depends on continued support of FFA

KANSAS CITY, Mo. — Agribusiness can help the United States maintain its world leadership in agricultural production by providing financial support for the programs of the Future Farmers of America (FFA), Dr. Hilmer L. Jones told some 20,000 attendees at the recent National FFA Convention.

Jones, vice president of North American Operations for MSD AGVET, a division of Merck & Co., Inc., Rahway, N.J., had earlier been installed as chairman of the National FFA Foundation Sponsoring Committee for the coming year. Through the Foundation, the committee seeks financial support for FFA incentive awards, contests, and hands-on leadership training programs from companies, associations, and individuals.

"We can't permit our leadership in agriculture to slip away," Dr. Jones declared. "It is the one resource we cannot do without, and now is the time to build a solid base for the coming era of high technology in agriculture. The present students of vocational agriculture in our secondary schools and the agricultural students in our universities will be called upon to apply that technology for the more efficient production of food, fiber, and energy. Agribusiness should help prepare them, should help motivate them. High technology agriculture will require the cream of the crop of our young people if it is to realize its great potential."

Jones said that private funding for FFA activities had shown continued growth over the years, even during periods of economic difficulty. "The agricultural community has always had a strong sense of responsibility; it recognizes that today's problems must not shortchange preparation for tomorrow's needs. I am confident that the Foundation Sponsoring Committee's fund raising campaign will continue the pattern of growth in financial support for FFA programs."

Jones has been vice president for North American Operations since the establishment of MSD AGVET as a worldwide agricultural and animal health division in 1979. He holds a B.S. in agriculture science, a M.S. in animal husbandry and nutrition, and a D.V.M., all from Auburn University. Prior to joining Merck in 1969, he was chairman of the Auburn University Extension Service's division of environmental health, which he helped organize and develop. He served as 1980-81 chairman of the board of the Animal Health Institute.

In addition to Dr. Jones, members of the Committee's Executive Council include past chairman Robert M. Book, former group vice president-marketing, Elanco Products Company, now president, Indiana Institute of Agriculture, Food and Nutrition, Inc.; Carl F. Gerhardt, vice president and general manager, The DeLaval Agricultural Division of Alfa-Laval, Inc., 1985 chairman-elect, and Bill Munsell, executive vice president, Young & Rubicam U.S.A., 1986 chairman-elect.

KEEPING AMERICA ON THE GROW

VOCATIONAL AGRICULTURE & FFA

TEVOCA

LINDA SENSENIG

In the chapter she has also held the offices of treasurer, chaplain and vice president.

Her projects have included swine, beef and corn. She has served on the savings and earnings committee.

She is the daughter of Allan and Jean Stowe, R1 Bainbridge.

She is also active in 4-H and her church youth group.

For hobbies, she enjoys reading, horseback riding, walking and riding motorcycles.

She plans to work toward having her own small herd of purebred Angus or Herefords.

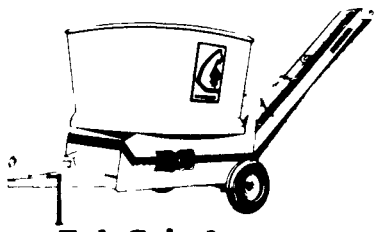
Linda Kay Sensenig, of the TEVOCA FFA Chapter at Brownstown Vo-Tech, has served as secretary of her chapter and achieved a number of top awards.

Among her major awards have been a bronze emblem in the state floriculture contest, the scholastic award and the County Bankers Award.

She served on a number of committees, such as community

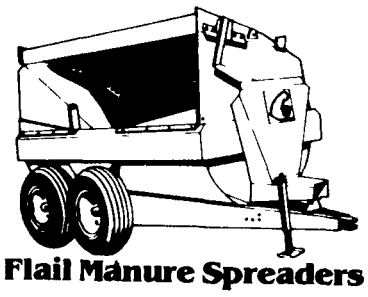
(Turn to Page D8)

FARMHAND
DUNHAM LEHR HAWK BILT



Tub Grinders

Grinder-Mixers



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Custom Fit Loaders

Universal Fit Loaders
Models to Fit 1,250 Tractor Models

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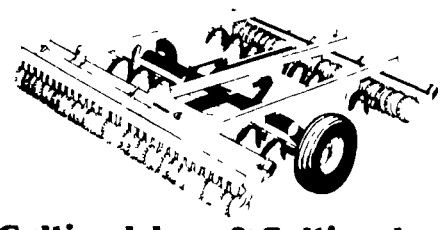
Quality Farm Equipment built on a reputation of ruggedness and versatility.



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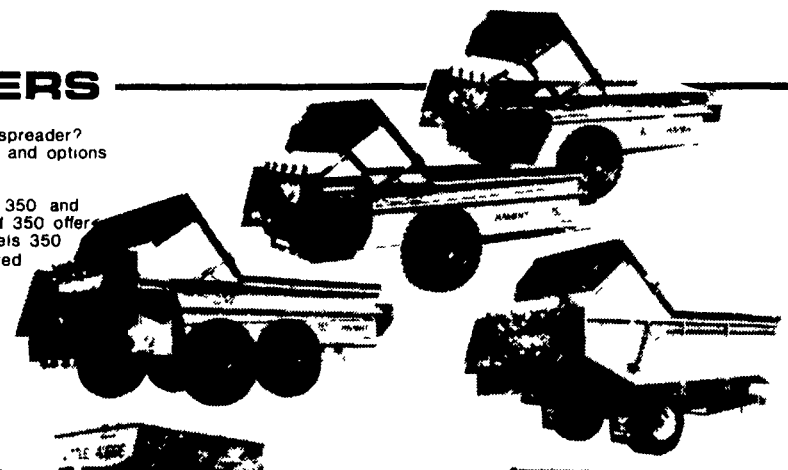
SPREADERS

Need a rugged and durable spreader? Check the selection of sizes and options Knight has available--

Choose from 140 180 250, 350 and 500 models Models 250 and 350 offer single or tandem axles Models 350 and 500 may be truck mounted Hydraulic endgate provides seal for semi-fluid manures Beater options will fit your particular manure handling chores We welcome your personal inspection of Knight built-tough spreaders



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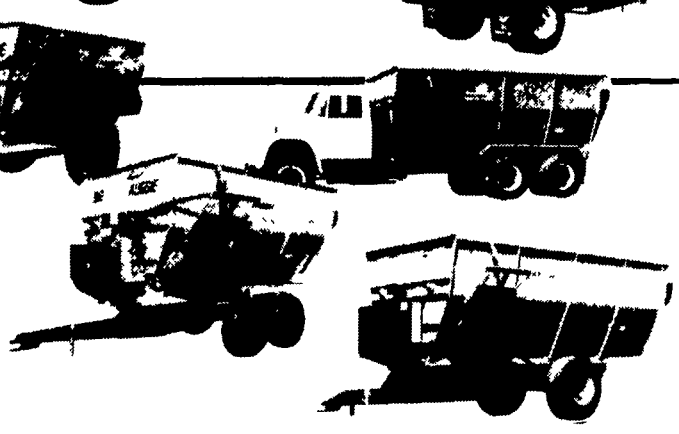
Wondering if we've got the right Auggie for you? You bet! Just try one on for size-- from the 170 cu ft capacity LITTLE AUGGIE to the biggest 370 cu ft BIG AUGGIE Four sizes to mix and feed perfectly blended rations Optional weighing system assures accurate use of supplements roughages and grains Trailer truck or stationary mounted units give you flexibility to match your setup Hydraulic control of discharge door automatic chute clutch and automatic tilting hopper provide effortless control during feeding operation



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2500 "SLINGER" MANURE SPREADER

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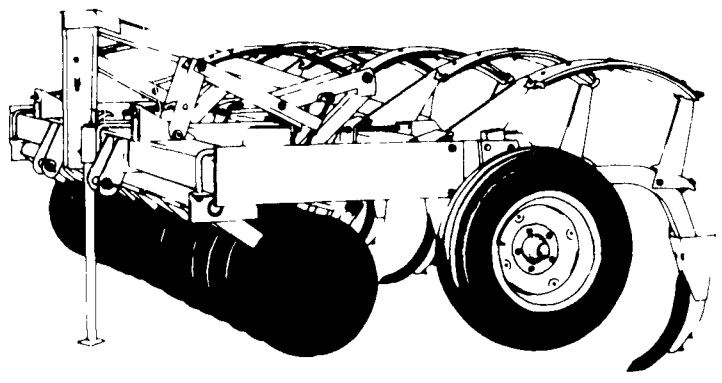
TEBBEN MANUFACTURING

DEEP TILL TRASH CUTTER

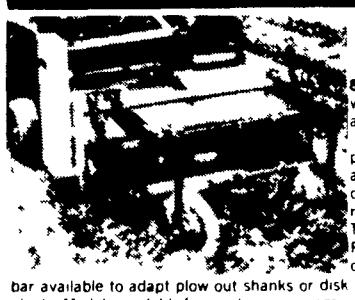


CONSERVATION TILLAGE

TRUE ROCK PROTECTION FOR COMPLETE COULTER ASSEMBLY AT ALL WORKING DEPTHS.

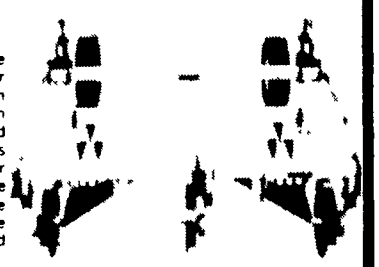
- Unique leaf spring design reduces tripping pressure to clear obstacles.
- Cut and bury crop residue in one pass plus the benefits of deep tilling.
- Coulters maintain uniform tripping pressure at working depths of 6" to 18".

Ferguson Special Equipment for the Fruit and Vegetable Grower



80 Series Ferguson Tilrovator with two piece clamp type rotors allows you to renovate old beds completely destroys excess plant growth Rotors may be adjusted to leave exact band desired Optional 24 diameter rotors provide greater clearance Three point lift (Cat I or II) PTO drive complete with depth gauge wheels Auxiliary bar available to adapt plow out shanks or disk hillers to move soil to remaining plants Models available for most row spacings

The FERGUSON Plastic Mulch Plow is designed to reduce greatly the time and labor required to remove plastic mulch from the fields after it has been lying in the row for extended periods The center coulter cuts the plastic into along the center of bed making two strips The outside coulters cut through the trash in middles preventing the plows from clogging with field residue The plows are completely adjustable and have replaceable points The plows operate approximately 1 below the tuck in plastic and feature lifting rods or fingers on the back side As the plows loosen the soil from around the plastic the excess soil is rolled from the plastic by the lifting action of fingers Depth gauge wheels are standard to control operating depth



Two-row Bedshaper Sled adjustable 36 38 rows 7 high bed 12 14 across top Uniform shaped beds for transplanting or direct seeding Extended pontoons and frame enables you to attach transplanters and maintain bed while planting

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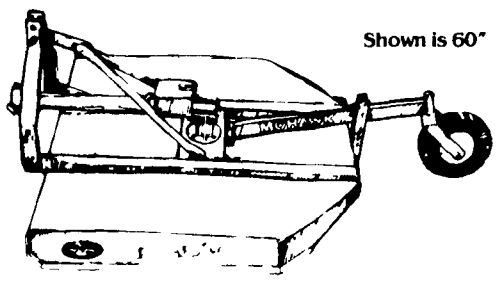
Introduces

THE BRAVE LINE

A quality line of economically priced mowers available in 4, 5 and 6 models
Built by the company that pioneered the economy mower

40"	48"	60"	72"
Wt. 300 lbs.	Wt. 350 lbs.	Wt. 480 lbs.	Wt. 645 lbs.



Shown is 60"

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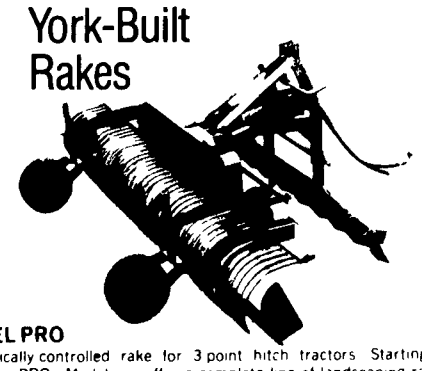
FEMA
BUILT BY PEOPLE WHO CARE

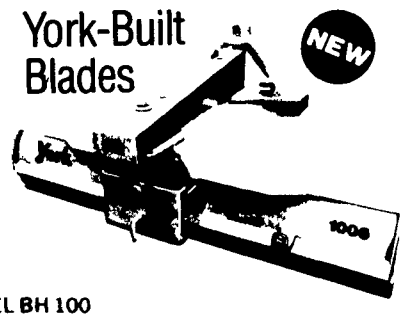
A Reputation Built on Ruggedness.

York-Built Rakes



MODEL PRO
Hydraulically controlled rake for 3 point hitch tractors Starting with our versatile PRO Model we offer a complete line of landscaping rakes from lawn and garden to industrial models to match tractor horsepower Scarifier and blade attachments on some models

York-Built Blades



MODEL BH 100
For category I and II hitches 100 drawbar H P tractors Four models to fit 40 55 75 and 100 drawbar H P ranges Choose from a line of rugged earth working rear blades designed for grading ditching leveling terracing back filling and snow removal Tilt offset and angling positions are standard features built into models 55 75 and 100

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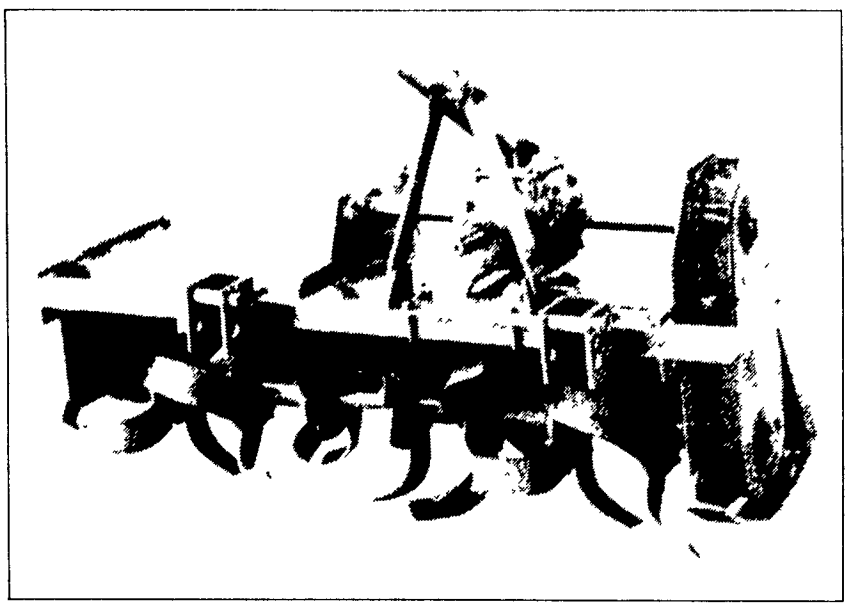
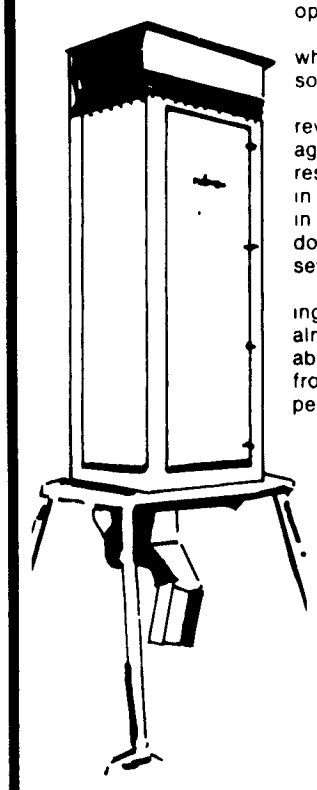
SOVEMA
ROTARY TILLERS



Let Sovema mix in your crop residue, aerate the soil, and prepare the seed bed all in one operation. Sovema can save you time, fuel, and labor at an attractive price.

AVAILABLE IN A VARIETY OF MODELS AND SIZES TO FIT YOUR NEEDS

NEW
MAGIK Grain Cleaners
No Power Required!
No Moving Parts!



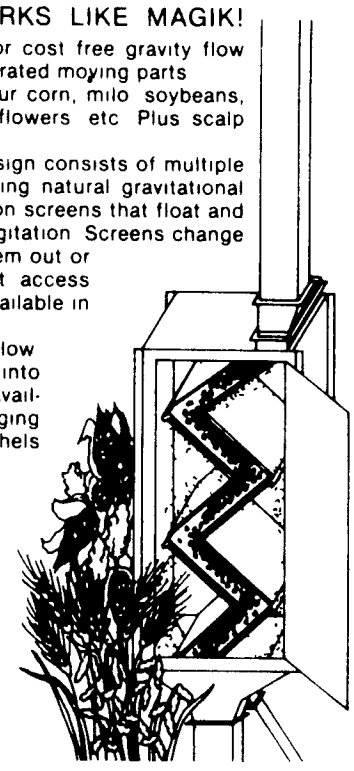
Efficient, Compact and Operates without POWER
IT WORKS LIKE MAGIK!

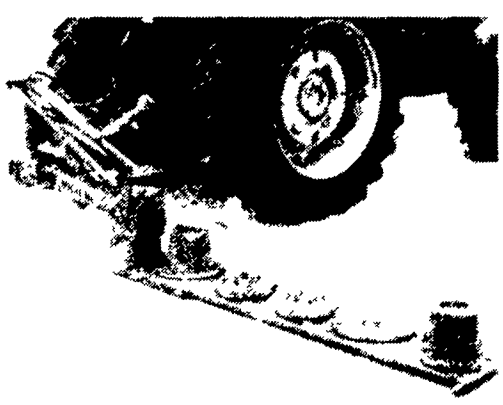
MAG K is designed for cost free gravity flow operation No power operated moving parts

MAG K will screen your corn, milo soybeans, wheat, barley, rice, sunflowers etc Plus scalp some small grains

MAG K's exclusive design consists of multiple reversing sections creating natural gravitational agitation with high carbon screens that float and resonate aiding in this agitation Screens change in minutes, just slide them out or in from one convenient access door The screens are available in several different sizes

MAG K is compact, allowing it to incorporate into almost any system It is available in capacities ranging from 1500 to 10,000 bushels per hour





Turbo Mower Without Guard

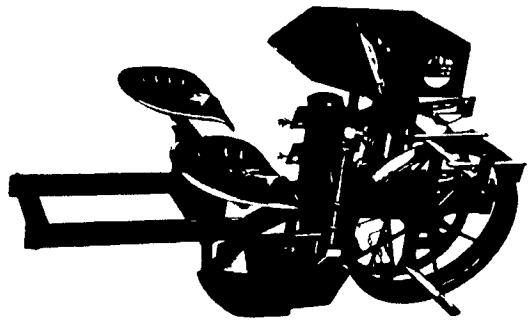
Krone's AM Turbo disc mower is an impressive means of cutting your hay. It's simple design, ease of maintenance, and smooth operation make the Krone AM Turbo Disc Mower a cut above the rest. Conditioner & swath head available as an option.

6'9" and 8' Models Available

KRONE

MECHANICAL TRANSPLANTER

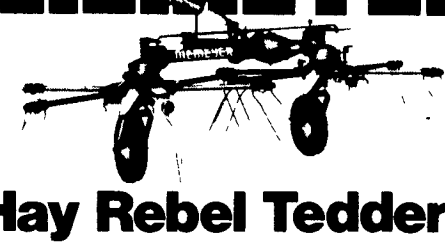
MT MECHANICAL TRANSPLANTER
Reg U S Pat Off



Set more plants per hour and cut your operating cost with a mechanical transplanter. Rugged construction and durability make the mechanical transplanter the choice of many vegetable farmers.

MECHANICAL TRANSPLANTER

NIEMEYER



Hay Rebel Tedders
MAKE HAY...ANY DAY

The Niemeyer line of Rotary Tedders offers flexibility to speed up your hay making in all climatic conditions. The Hay Rebel handles tedding: turns, spreads, fluffs... gently picking up the crop and spreading it evenly to enhance curing into top quality hay. These rugged tedders feature a hinged outer frame to allow for following ground contours, and a simple hand lever by which the operator may adjust for clearing along fences and hedges. Four models available to adapt to different crop conditions.

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Keystone Farmers are tomorrow's ag leaders

(Continued from Page D4)

service, BOAC and Ephrata Fair Flower Show.

She is the daughter of Allen B. and Anna Sensenig, R1 Denver.

She conducted projects in direct laboratory experience and supervised work experience. She plans to continue working at Good's Greenhouse in Mohnton.

She is active in church and its youth group and her hobbies range from reading and needle work to arranging and caring for flowers and plants.

Pequea Valley

FRANK HARTLEY

Frank Hartley has held the offices of second vice president of the Pequea Valley Chapter and president of the Lancaster County FFA Red Rose Chapter.

His project has concentrated on his work at Maple Lane Dairy Farm in Paradise.

Committee posts have included County Honor Banquet, Farm City Week, PR, cooperation and alumni.

He has won his chapter's Placement in Ag Production proficiency award.

He is a member of the Kinzers Fire Company, Rough and Tumble Engineers and Pequea Valley Jaycees.

He likes to rebuild antique farm machinery.

The son of Robert and Donna Hartley, Kinzers, he plans to attend Williamsport Area Community College and major in agribusiness to become a dairy herdsman.

Manheim

KEVIN MOYER

Kevin Burnell Moyer is president of the Manheim FFA Chapter and also holds the office of reporter for the Lancaster County Red Rose FFA.

He has also held the office of corresponding secretary for the chapter in the past.

Among his major awards have been Star Greenhand and Star Chapter Agribusinessman.

Past projects have included rabbit production, corn production and home garden. He has had a supervised occupational experience project for the past four years and is chairman of that committee. He has also served as chairman of the FFA window, sweet corn project and fund raising committees.

He is the son of Burnell and Erma Moyer, R7 Manheim.

He serves as youth president at Hernleys Mennonite Church.

In the future he plans to run for state office and compete in public speaking. Also, he wants to follow an agribusiness or farming career.

As hobbies, he likes hunting and photography.

DUANE SHELLY

Duane L. Shelly's projects in the Manheim FFA Chapter have included hog and beef finishing and growing tobacco.

His offices in the chapter have included corresponding secretary, secretary and treasurer.

He was a member of the parliamentary procedure team that placed second in the county and area contests and third at the regionals.

He has served as chairman of the community service committee and on the conduct of meetings group.

The son of Mervin B. and Thelma Shelly, he also takes part in wrestling.

Baseball and hunting are his main hobbies. He plans to either work on a farm or assist on his father's feed route.

STACEY SHENK

Stacey Shenk, of the Manheim FFA Chapter, has had a primary project of beef finishing.

He was a member of the chapter's parliamentary procedure team, too.

Extracurricular activites include membership in the Chiques Church of the Brethern and Youth Group. He is also quite active in singing as a member of a gospel group, the school and church choir.

Among his hobbies are roller skating and swimming.

The son of Eugene and Darlene Shenk, R3 Elizabethtown, he plans to work for his father.

DAVID WELLS

David M. Wells was awarded the Manheim FFA Chapter Star Farmer honor last year.

His projects have included on-farm work experience and raising Holstein cows and calves.

He has held the office of chapter historian and has received the chapter's proficiency award in ag production.

He is the son of Lois C. Wells, Manheim.

He is a member of the White Oak Church of the Brethern and youth

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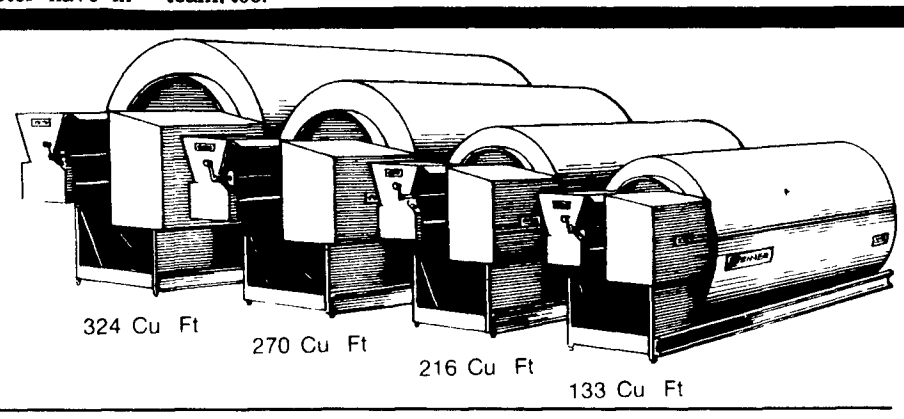
A TOTALLY MIXED RATION

with

ROLL A MIX by STEINER

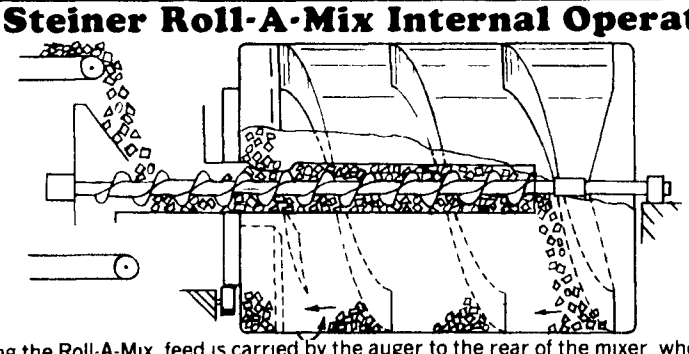
SILAGE, GRAIN & HAYLAGE

Mixing Specialists

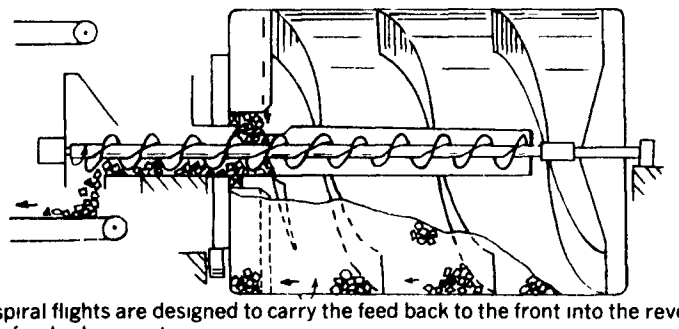


- Lower power requirements
- Tumble action eliminates the high resistance of conventional auger mixing
- Fast 1-3 minutes mix time
- Gentle on feed
- Rugged construction
- Fewer moving parts
- 180° discharge access
- Versatile enough to meet most mixing needs
- Center auger loads and unloads mixer
- Revolving drum gently tumbles feed
- No overmixing
- Proven on the farm

The Steiner Roll-A-Mix Internal Operation



In filling the Roll-A-Mix, feed is carried by the auger to the rear of the mixer where it falls into the slowly revolving drum for a gentle tumbling thorough mix



The spiral flights are designed to carry the feed back to the front into the reversed auger for discharge into your conveyor

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Pa's Keystone Farmers

(Continued from Page D8)

group. He plans to continue working at his present job.

His hobbies include hunting, sports and recreational activities.

GERALD WENGER

Gerald L. Wenger has concentrated his FFA project work in dairy, expanding it from his first heifer into a small herd.

In the Manheim Chapter he has served as reporter in 1981-82.

He has also participated in wrestling as a junior and enjoys all kinds of sports, including basketball, softball, baseball and volleyball.

He is the son of Earl and Lois Wenger, 1412 East Newport Road, Lititz.

Following a recent move by the family to a farmette, he plans to get some horses.

Garden Spot

JAY GARBER

Jay A. Garber has conducted a variety of projects in the Garden Spot FFA Chapter at Lampeter-Strasburg High School, including corn, barley, soybeans, dairy cattle and bee keeping.

He has been awarded the Star Chapter Farmer honor and also previously served as chaplain of the chapter. He attended the FFA national convention in 1982.

As hobbies he enjoys hunting, skiing and basketball.

He is a member of the youth group of the Willow Street Mennonite Church and is also a member of the Pa. Junior Guernsey Breeders Assn.

He is the son of Mr. and Mrs Kenneth B. Garber, R2 Willow Street. He plans to continue working on the family's dairy farm and do custom silo filling

JOE ROHRER

Joe Rohrer serves as both president of the Garden Spot FFA Chapter at Lampeter-Strasburg High School and treasurer of the Lancaster County Red Rose FFA.

Previously, he was treasurer of his chapter.

Among his major awards have been in dairy proficiency, a first in dairy judging at the Lampeter

Fair and the Lancaster County Bankers Award.

Among his projects have been four acres of alfalfa, two acres of corn, two dairy heifers and eight hives of bees. He has served as chairman of the citrus and land preservation committees and also on the fund raising and float committees.

He is the son of George and Evelyn Rohrer, 1107 Lime Valley Road.

A participant in Jayvee and Varsity basketball, he is also active in 4-H, serving as both community club and county president.

He collects both stamps and arrow heads. He will continue to work on the family's dairy farm.

Solanco

BRUCE CANTEY

Bruce A. Cantey serves the Solanco FFA Chapter as its treasurer during the present term of office.

Among his committee assignments in the chapter have been

(Turn to Page D10)

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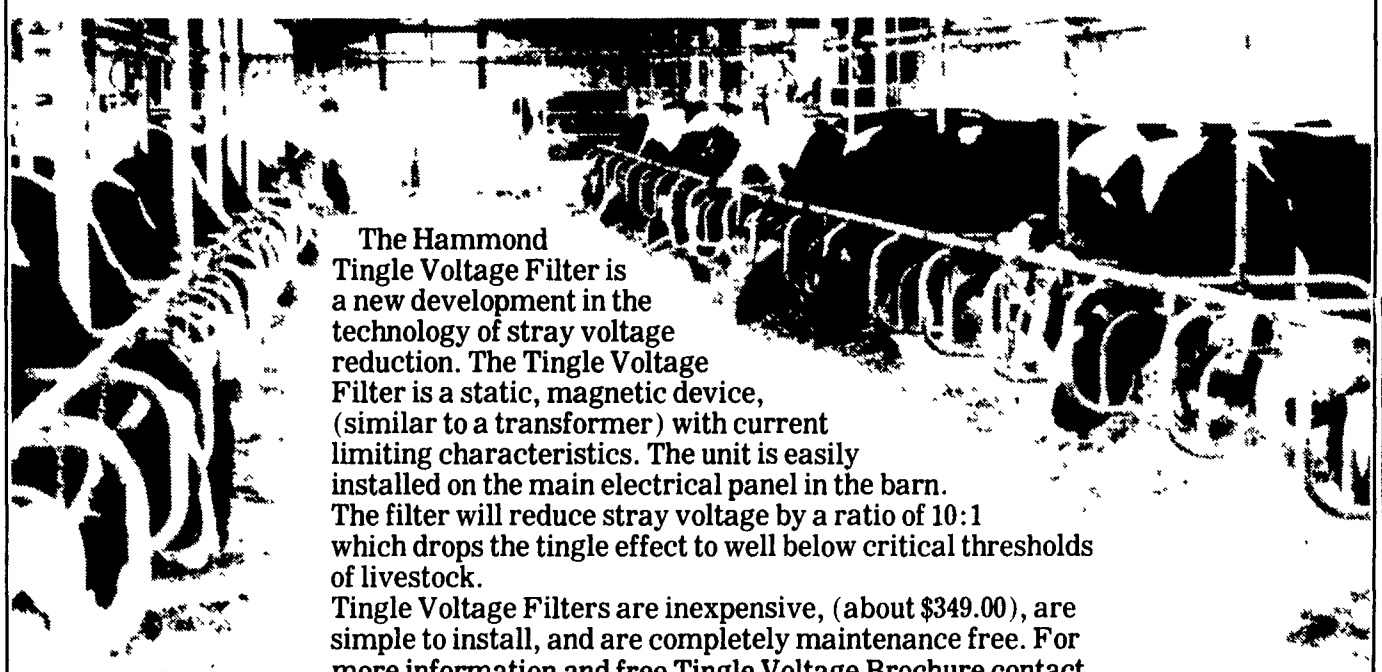

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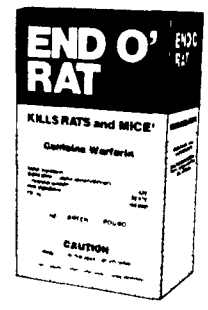

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(Continued from Page D9)

state activities, community service and conduct of meetings.

He is the son of Melvin and Barbara Cantey, R1 Paradise.

As an extracurricular activity he takes part in weightlifting. He also enjoys playing basketball.

He plans to work with his uncle in a dairying operation.

JAMIE FREY

Jamie L. Frey, of the Solanco FFA Chapter, has held a number of chapter and county offices and has won numerous top awards for her activities.

She has served as chapter sentinel, secretary and president and as county secretary.

She has been named Star Greenhand, Star Chapter Farmer, Star Red Rose Farmer and Eastern Region Star Agribusinessperson.

Among her projects have been greenhouse operation, beef finishing and corn.

The daughter of Mr. and Mrs. Ernst Frey, R2 Quarryville, she has served on many committees, including BOAC, supervised occupation, cooperation, community service, banquet and parliamentary procedure.

She also is a member of the Student Senate, the Varsity Club and has played hockey and softball at Solanco.

Sports and cooking are her hobbies.

In addition to running for state FFA office, she is considering attending college and continuing work in her greenhouse operation.

WILLIAM RHINE

William M. Rhine Jr. is the first vice president of the Solanco FFA Chapter and has previously held the office of treasurer.

His projects range from finishing swine and steers to dairy and corn.

He has been a member of the dairy judging team, trapshooting team, parliamentary procedure team, banquet and pumpkin contest committees.

He has won a silver award in state dairy judging competition.

Among his hobbies are hunting, showing dairy and beef, volleyball and modified softball league.

He is the son of William and Donna Rhine, R2 Quarryville.

He plans to work for L. M. Prange with steers and also perform electrical and plumbing work. He hopes to get his two younger brothers involved in the showing of hogs and cattle.

FRANK TOWNER

Frank Towner has participated in projects in beef production and has worked on a dairy farm in the Solanco FFA Chapter.

He has progressed through his three previous degrees at the chapter and county levels.

He is the son of Mr. and Mrs. Jerry Towner, Nottingham.

Among his hobbies are raising cattle.

He plans to work toward becoming a dairy farmer.

ANDREW WEAVER

Andrew Weaver, of the Solanco Chapter, has had a primary FFA project involving supervised occupational experience of working on a dairy farm.

Among his achievements have been a first placing in the county project book competition and a silver medal in state land judging.

He is the son of Mr. and Mrs. Charles Weaver, R2 Quarryville.

Extracurricular activities include volleyball and basketball.

Among his hobbies are hunting, fishing and basketball.

He plans to continue work on the dairy farm where he is presently employed.

MARK WELK

Mark E. Welk has participated extensively in dairy judging in the Solanco FFA and has won a number of awards.

In 1981 he was tenth overall and second in oral reasons in the Red Rose All-American Dairy Judging and in 1983 he was third overall and

(Turn to Page D12)

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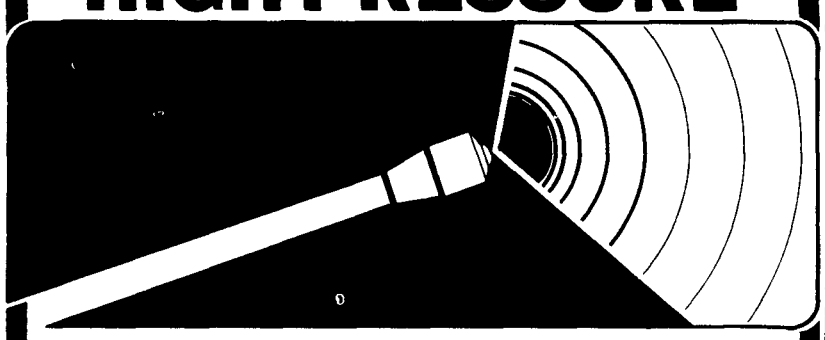

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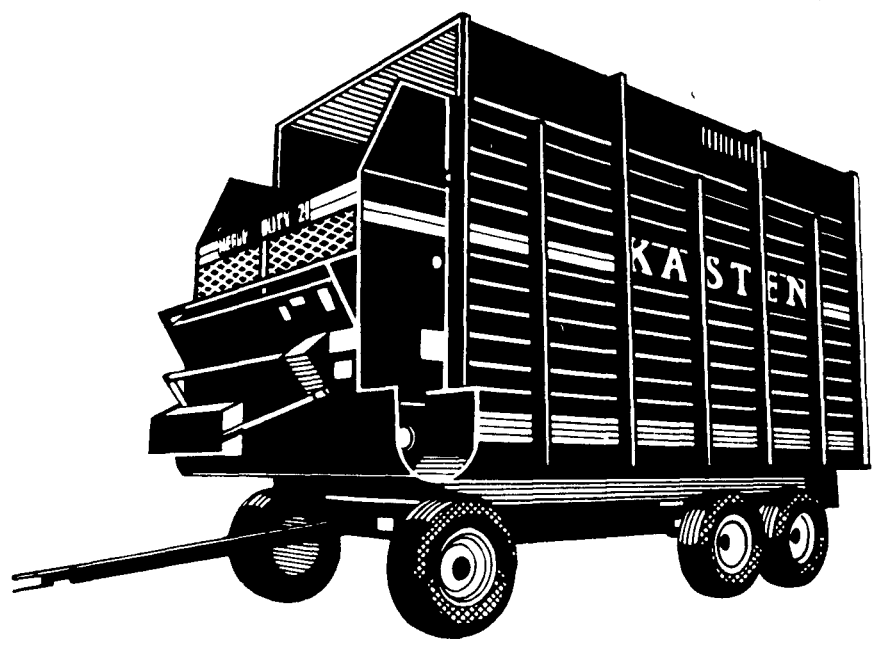

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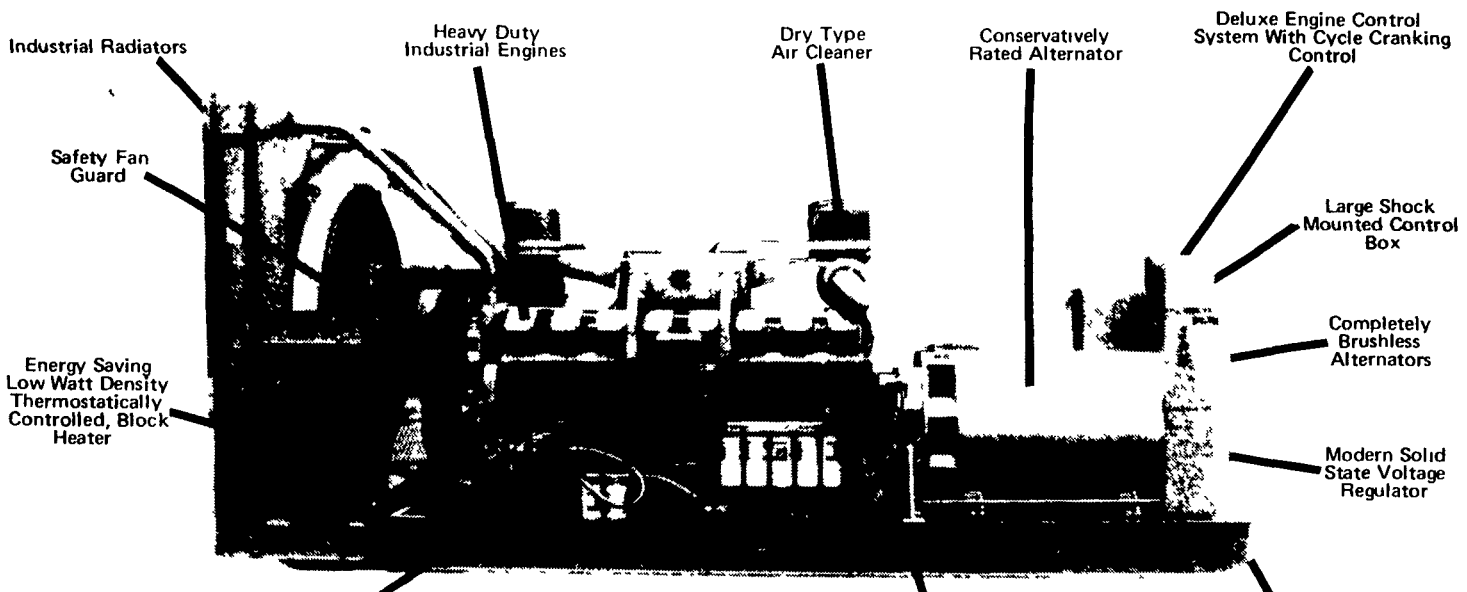
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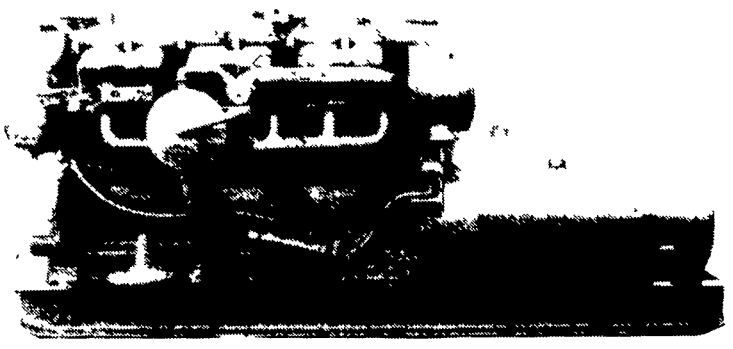

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Pa's Keystone Farmers

(Continued from Page D10)

first in reasons in All-American Judging and has been first overall individual at the Spring Invitational for two consecutive years.

Among his primary FFA projects have been a dairy herd, swine and corn.

He has served as chairman of the alumni and recreation committees and also on the leadership group.

He has held the chapter offices of sentinel and vice president.

In extracurricular activities he is a member of the Pa. Holstein Association, Solanco 4-H Dairy Club and the Lancaster County 4-H Dairy Club.

His chief hobbies are showing and judging cattle.

He is the son of Paul and Beverly Welk, R1 Peach Bottom.

He plans to go into partnership with his father on the family's registered Holstein farm and also to become a professional cattle judge.

JOHN YOUNG

John N. Young III is the vice president of the Solanco FFA Chapter and previously served in the office of student adviser.

He has been a member of the parliamentary procedure team and participated in public speaking as a junior.

His projects have ranged from home gardening to capons, broilers and rabbits.

He is the son of Samuel and Elizabeth Young, of Oxford.

He has also participated in football for two years and in track for one year.

His future plans are undecided.

Grassland

SCOTT BAILEY

P. Scott Bailey has held a number of offices in the Grassland FFA Chapter in Eastern Lancaster County School District, including chaplain, reporter and sentinel. In addition, he now serves as county sentinel.

Among his top awards have been Star Greenhand, Star Chapter Farmer, Star Red Rose in his chapter and gold medals in agronomy, dairy foods and a silver in poultry. He has been high seed salesman for three years and USAA National Agriculture Award winner.

He has been a member of the Pa. Dairy Products Team and the Pa. Poultry Team.

His projects include market hogs, veal, dairy heifers and cow. His work experience has been on the Delmar Weaver dairy farm.

The son of James and Evelyn Bailey, Blue Ball, he is also active in many other organizations, including the New Holland 4-H Baby Beef Club, New Holland Community Swine Club, National Holstein Association, varsity wrestling for three years, Hopewell Youth Group and member of the New Holland Mennonite Church.

Sports and video games are his hobbies.

He plans to attend a college and major in ag economics or agribusiness.

GERALD BAKER

Gerald N. Baker has conducted a wide variety of FFA projects in the Grassland Chapter, including corn, wheat, steers, potatoes and onions and work experience on a beef and crop farm, a dairy farm and at Conestoga Wood Products.

His committees have included earnings and savings, scholarship and SOEP.

He has served as second treasurer of the chapter and has won the Farm and Home Improvement foundation award. He has participated in small gas engine, county and state record book and county livestock judging competition.

In other activities, he is a member of the Bowmansville

(Turn to Page D13)

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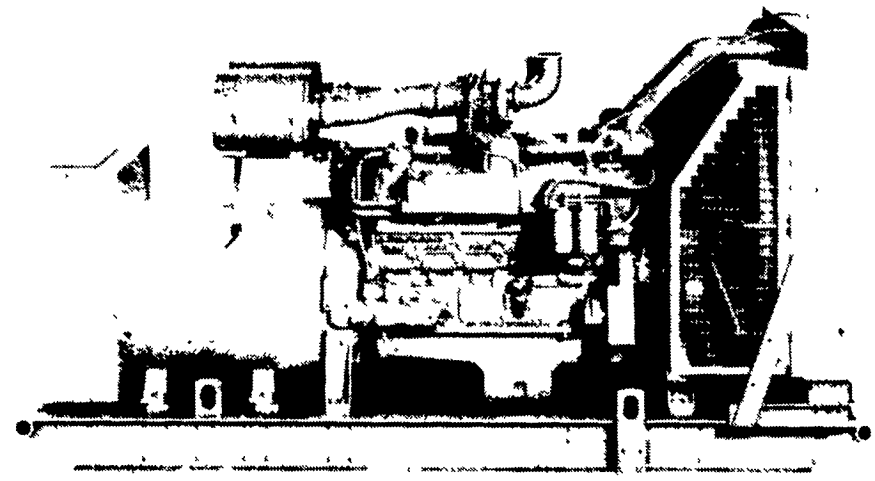

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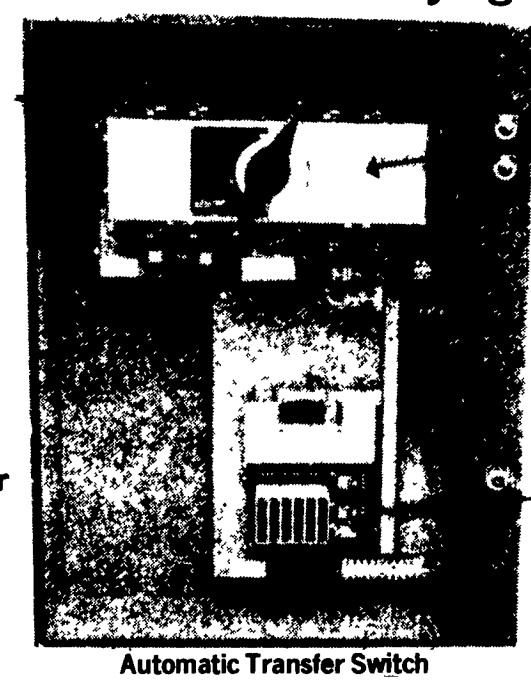

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Pa's Keystone Farmers

(Continued from Page D12)

Mennonite Church and Youth Group, Voices of Victory Chorus, Bible Quiz Team and the church softball team.

Among his hobbies are hunting, softball, volleyball and ice skating.

He is the son of Norman and Floy Baker, of R3 Mohnton.

He plans to rent additional land and gradually take over some of the land rented by his father.

LAMAR KING

A Star Chapter Farmer of the Grassland FFA, Lamar R. King has also served as student adviser and second treasurer in Eastern Lancaster County.

Among his major awards have been a gold in county wildlife contest, gold in county record book contest, bronze in state forestry contest, gold in state wildlife contest, gold in state record book contest and proficiency awards in forestry and home and farmstead improvement.

He was a member of the parliamentary procedure team that competed in county, area and regional competition.

His projects have included sweet corn, 22 market hogs and a two-year wildlife conservation project. He has also worked on poultry, dairy, livestock and fruit farms.

Committee posts included earnings and savings and banquet.

He is the son of Marvin and Ruth Ann King, RD 1 Narvon.

He is president of his Church Youth Group and Bible Quizzer.

His hobbies range from hunting, fishing and trapping to skiing and hiking.

He hopes to work on a farrow to finish operation to gain experience and also rent a barn and about five acres of cropland to expand his own enterprises.

KEVIN MARTIN

Kevin A.Martin has had a number of different projects in the Grassland FFA Chapter, including swine finishing, tobacco, cantaloupes, horseradish and strawberries.

He had received the chapter's swine proficiency award, a gold medal in the state record book contest, fifth in the area Dairy Products Contest and a silver in the State Meats Judging Contest.

He was a member of the recreation committee and a local delegate to the National FFA Convention.

He is a son of Lester W. and Alice Marie Martin, R2 East Earl.

Wrestling was an extracurricular activity and his hobbies include reading, riding bike, listening to music and roller skating.

He hopes to attend college.

ERNEST MAST

Ernest W. Mast, of the Grassland Chapter, has won a number of noteworthy awards in his FFA career.

Among the awards have been those in record book competition, collegiate dairy judging, crop and swine proficiency and chain calf contest winner.

He was chaplain of the winning parliamentary procedure team in state competition.

He had served as chapter treasurer.

Projects in FFA included corn, soybeans, alfalfa, strawberries, pumpkins, steers, hogs, veal calves and a dairy heifer. He also engaged in occupational experience on the family's potato, livestock and grain farm.

He is the son of Paul and Rhoda Mast, R1 Morgantown.

In extracurricular activities, he was vice president of the New Holland 4-H Beef Club, member of the Red Rose Beef Club, Pa. Holstein Association, Hopewell Mennonite Church and Youth Group.

His hobbies range from photography and music to sports.

His future plans are centered on continued involvement in agriculture.

(Turn to Page D14)

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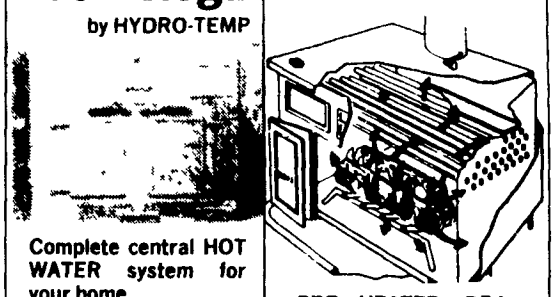

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(Continued from Page D13)

MICHAEL WEAVER

Michael L. Weaver's principal FFA project in the Grassland Chapter centers on wildlife conservation and includes raising ringnecked pheasants for sportsmen's clubs, building nesting boxes, brush piles, planting trees and speaking to elementary students about conservation.

He has served as both president and chaplain of the chapter. Among awards received have been Star Greenhand, wildlife proficiency, forestry proficiency, sixth in state forestry contest, second in state wildlife contest and third in state record book contest.

The son of Lloyd E. Weaver, R1 New Holland, he has also taken part in varsity wrestling, church youth group and Penn Dutch Sportsmen's Club.

He plans to attend Penn State and major in wildlife management and pursue a career with the Game Commission.

Cloister

RUSSELL ACKLEY

Russell Ackley, of the Cloister FFA Chapter, has conducted projects involving 98 market hogs, two acres of field corn, swine breeding and 50 capons.

He has won chapter proficiency awards in ag mechanics and electrification.

Committee posts have included Greenhand Initiation, supervised farming, chairman and co-chairman; earnings and savings, and Supervised Occupational Experience, co-chairman.

In extracurricular activities, he has served as 4-H Club president and is a member of the Rothsville Lutheran Church.

Hobbies include hunting, raising hogs, volleyball, snowmobiling and roller skating.

He is the son of Charles E. Jr. and Joy Ackley, R1 Lititz.

He plans to work in an agriculture related business and continue to raise market hogs.

LYNN CRILLS

Lynn Crills has served as both chaplain and sentinel of the Cloister FFA Chapter at Ephrata High School.

His projects have included 50 laying hens, seven lambs, 19 turkeys, 150 broilers and home gardening.

Proficiency awards have come in home gardening and sheep breeding.

Committee assignments include FFA food stand and PR and he has served as representative to the National Convention and on the Land Judging Team at Activities Week.

He is the son of Harvey and Anna Mary Crills, R2 Ephrata.

Also, he is a member of Hammer Creek Mennonite Church. He has worked at Martin's Country Store.

Hobbies include skiing, roller skating, swimming, hunting, horseback riding and volleyball.

He plans to continue to be involved in farming or agribusiness.

THOMAS HIGH

Thomas K. High is the president of the Cloister FFA Chapter at Ephrata High School and has served previously as vice president.

Among the awards he has won are a gold in state ag mechanics contest, a silver in the national ag mechanics contest and chapter proficiency in vegetable production.

His projects have included swine breeding, 150 market hogs, 18 market steers, three acres of field corn, home gardening and two veal calves.

He is the son of Floyd and Dorothy High, R2 Ephrata.

His hobbies are showing hogs, roller skating and hunting.

He is a member of Metzlers Mennonite Church.

Next September, he plans to participate in the Work Experience Abroad Program for six months in Australia.

(Turn to Page D15)

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Pa's Keystone Farmers

(Continued from Page D14)

NEVIN HORNING

Treasurer of the Cloister FFA is Nevin Horning, who has also filled the office of sentinel in the chapter.

A Star Greenhand at Cloister, he also has attained proficiency in public speaking.

For projects he has raised vealers and worked on LenLyn Farms. He was a member of the Supervised Farming Committee and chairman of the Window Exhibit Committee.

Also, he is a Youth Group President and member of the Church Quiz team.

Hobbies include volleyball and softball.

Son of Reuben and Sarah Ann Horning, he plans to continue to work on the farm.

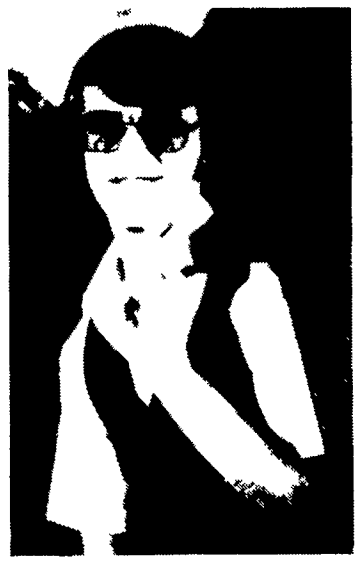
KEVIN HORST

The projects of Kevin Horst in the Cloister FFA have included raising lambs and hogs and growing tobacco.

He participated in the state meat and livestock judging competition at Penn State and has worked on a 400-acre dairy farm.

In other activities he was a member of the Ephrata football team and is vice president of his church youth group.

He is the son of Lloyd and



Barbara Horst, R2 Ephrata.

Hunting, fishing, working on his car and football are his hobbies.

In the future, he plans to drive tractor trailer and work toward starting his truck leasing company.

DALE MARTIN

Dale A. Martin has raised tobacco and worked on a dairy

farm and in a small gasoline engine repair shop as his projects in the Cloister FFA.

Among his awards are a silver in the state small gas engine contest and a bronze in the state land judging.

He is a member of his church youth group at Reamstown Church of God.

He is the son of L. Eugene and Anna W. Martin, R1 Reinholds.

Hobbies include hunting, motorcycling, snowmobiling and working on cars.

Employed by Wes Stauffer, he plans to continue working in the small gas engine repair business.

JEFFREY MARTIN

Jeffrey Lee Martin was treasurer of the Cloister FFA last year and is now serving as reporter.

In county contests he placed first in poultry judging, 10th in meats judging and first in Greenhand judging. State competition placings have included a first in dairy judging in 1981, a second in 1982, first in 1983, along with third and fifth finishes in national dairy contests.

His projects have included dairy cow, calf, veal calves, sheep, capons and a home garden. He has also been employed at the Galen Crouse dairy farm.

He participates in sports, church youth group, 4-H and is a church youth group officer.

Hobbies are sports, auto mechanics, roller skating and movies.

He is the son of Harvey W. and Etta R. Martin, R1 Ephrata.

He plans to attend college for a career in ag education.

(Turn to Page D16)

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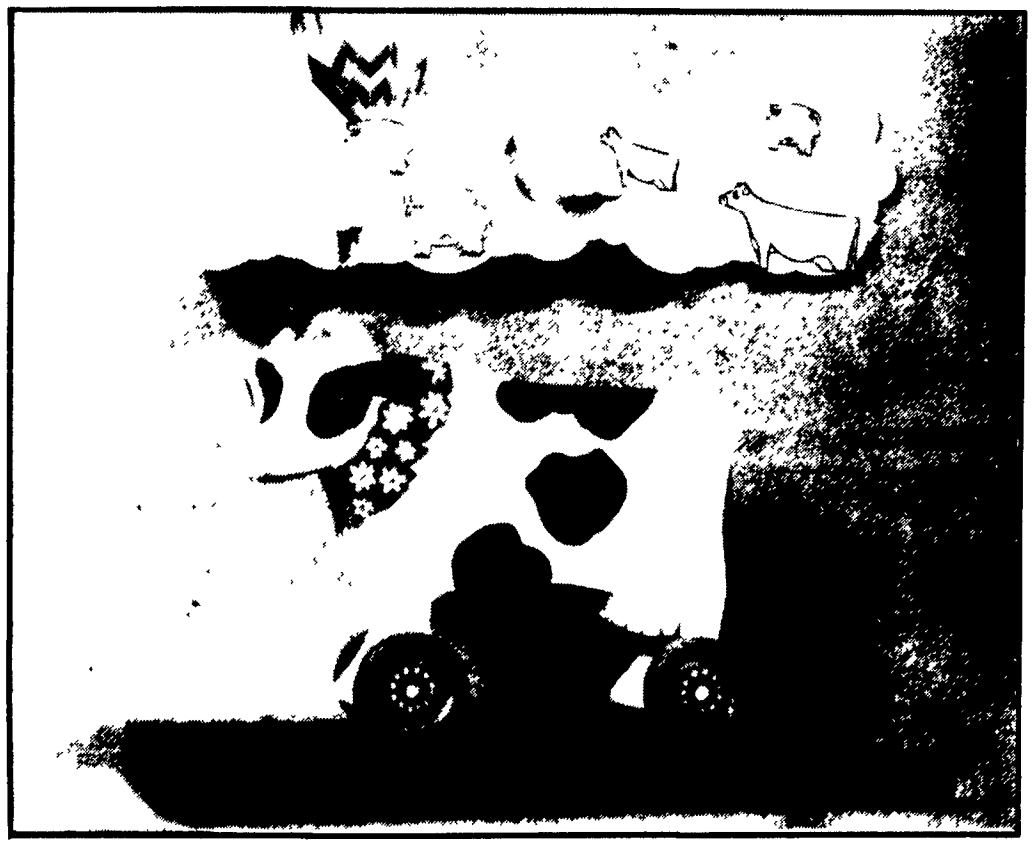

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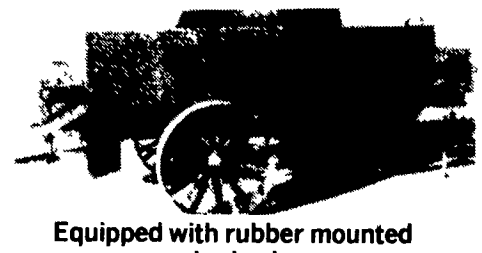

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(Continued from Page D15)

TIMOTHY PFAUTZ

Timothy D. Pfautz is secretary of the Cloister Chapter and vice presdident of the Lancaster County Red Rose FFA.

A Star Greenhand of his chapter, he has achieved awards in poultry production proficiency, fruit and vegetable production proficiency, first in regional public speaking and first in county prepared public speaking.

His projects have included 26 market hogs, 100 capons and sugar peas.

He has served as recreation committee chairman, Greenhand Initiation chairman, banquet chairman and on the Supervised Occupational Experience Committee.

He is a member of the Lincoln Community 4-H Club, where he has served as both president and vice president; the Hinkletown Youth Fellowship where he is treasurer and a member of the Hinkletown Mennonite Church.

He is the son of Leroy and Mildred Pfautz, R1 Stevens.

He hopes to work in an ag related job or on the family's purebred Duroc hog operation.

DEAN SAYLOR

The projects of Dean Saylor in the Cloister FFA Chapter have included three market hogs, 350 capons over three years and five veal calves.

He has served on the leadership, conduct of meetings, PR and banquet committees.

He has won the chapter's poultry production award and has competed in the state small gas engine competition.

He is the son of Leroy and Sandra Saylor, R4 Lititz.

Extracurricular activities have been membership in the fly tying club and three years as member of the band.

Hobbies include motorcycling, hunting, fishing, hockey, volleyball, baseball and skiing.

He is presently employed at the Triple G Farm Market.

Manor

TAMMY BARLEY

Tammy Barley is the secretary of the Manor FFA Chapter at Penn Manor High School and previously served as assistant corresponding secretary.

Her projects have included raising six steers for show and sale and presently she is raising 15 for market.

She was selected as the Manor Star Chapter Farmer.

She has served on the citrus, banquet, BOAC, National FFA Week, Chapter Rating and senior awards committees.

She is the daughter of Mr. and Mrs. Harold M. Barley Jr., R1 Millersville.

She is an active member of the Youth Group at Stehmans United Methodist Church and presently holds the office of secretary.

Hobbies are snomobiling, horseback riding, swimming and ice skating.

She plans to work on the family's farm.

ED BOMBERGER

Ed Bomberger has served on a number of committees in the Manor FFA Chapter, including chain sheep, fruit sales, wood cutting and chicken catching.

He has placed third in the ag mechanics contest and competed in local fair judging and at the All-American.

He is the son of Mr. and Mrs. Raymond Bomberger, R1 Millersville.

Basketball has been an extracurricular activity and among his hobbies are reading.

He plans to continue working in an ag related job and is now employed on the Elvin Hess dairy farm at Conestoga.

CLARENCE ECKMAN

Clarence H. Eckman Jr. has had projects of 150 capons, three acres of tobacco and a bee hive in the Manor FFA.

Offices in the chapter have included treasurer, parliamentarian and currently student advisor.

In awards he has won a gold in the state meats contest, silver in state dairy foods judging and a foundation medal for fruit and vegetable production.

His committee posts include fruit sales, BOAC, Farm-City Week, Food for America and pumpkin contest.

He is the son of Mr. and Mrs Clarence H Eckman, R2 Conestoga.

Hunting, fishing, riding horses and ice skating are his hobbies.

He plans top work on a farm and eventually operate one of his own.

COLLEEN SPAHR

Colleen Spahr is the chapter reporter of the Manor FFA at Penn Manor High School.

Her main FFA project has been three purebred Ayrshire heifers.

She has won a calf from the Southeastern Pennsylvania Ayrshire Breeders Association, received junior and grand champion Ayrshire at Lampeter Fair, placed second in state poultry judging and received a silver in the national competition.

Her committee posts have been concerned with Food for America, Farm-City Week, BOAC, Banquet program and PR.

She is a junior member of the National Ayrshire Breeders Association, and is a member of Willow Street United Church of Christ.

She has participated in cross-country and softball.

She is the daughter of Wayne R. and Joyce D. Spahr.

She enjoys showing dairy heifers and plans to attend college and major in dairy production.

DAVID UNRUH

David H. Unruh Jr. has had mainly beef projects in the Manor FFA and has shown his animals at local fairs.

He has served on fruit sales and wood cutting committees and has judged at local fairs.

He atyended the national convention and has served as an awards banquet speaker.

In other activities he is a member of the Sportsmens Association and Boy Scouts.

He is the son of David and Sandy Unruh, R1 Pequea.

Hunting, tractor pulling and snowmobiling are his hobbies.

He plans to follow a career in farming or in an ag related job

Adams

Apple City

R. TODD BINKLEY

R. Todd Binkley, the son of Mr. and Mrs. Robert Binkley, of Arendtsville, is a 1983 graduate of Biglerville High School and a four-year member of the Apple City FFA Chapter.

His Supervised Occupational Experience project was in mechanics and he served as the chairman of the Chapter Scholarship Committee and Co-Chairman of the Earnings, Savings and Investment Committee.

He won the chapter's proficiency award in agricultural mechanics and participated in BOAC projects.

The 18-year-old Biglerville graduate has been very active in Boy Scouts, the Arendtsville Fire Company and the Medical Assist Team.

Among his hobbies are his work with the volunteer fire company and he hopes to become a professional firefighter.

KURT FULLER

During his four-year career in the Apple City FFA Chapter, Kurt

(Turn to Page D18)

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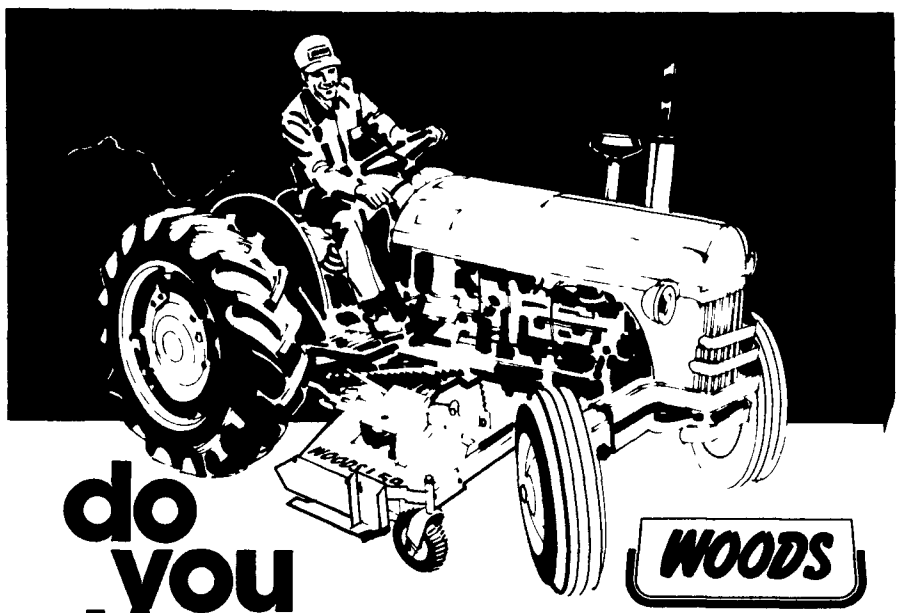

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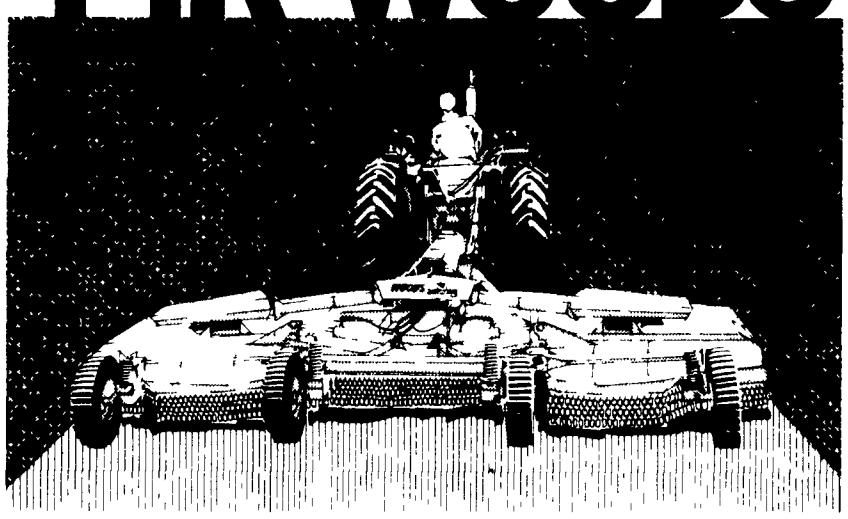

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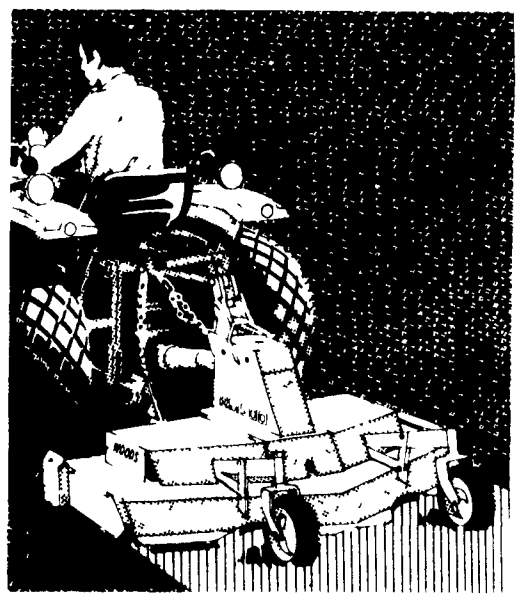

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Meet the Keystone degree recipients

(Continued from Page D17)

Fuller served as both chapter president and chaplain of the Adams County FFA.

Also a 1983 graduate of Biglerville High School, Fuller is the son of Mr. and Mrs. William Fuller Jr., of Bendersville.

His FFA projects at Biglerville included home gardening and finishing sheep. His SOE projects included working in dairy, poultry, swine, fruit and crop operations and serving as a grounds keeper.

He was active in chapter BOAC projects.

He was also a member of the high school basketball team and the Military Explorers Organization,

He plans to follow a career in agricultural mechanics.

DEAN LOBAUGH

The projects of Dean G. Lobaugh in the Apple City Chapter at Biglerville High School have included Holstein cows, heifers and calves and corn, barley and oat cropping.

The son of Mr. and Mrs. Guy Lobaugh, R1 Aspers, Lobaugh's FFA offices have included the presidency of his chapter and serving as secretary of the Adams County FFA.

He attended the Washington Conference Program and has been awarded gold medals in the state agronomy contest and in the National Farm Business Management Contest.

Other activities include membership in the National Honor Society, the Upper Bermudian Lutheran Church and the Holstein Association.

He plans to work on a dairy farm following a two-year college course and eventually own his own operation.

CYNTHIA LOTT

Cynthia A. Lott, a 1983 graduate of Biglerville High School, has held numerous offices at both the Apple City Chapter level and the Adams County FFA level.

She served as both chapter secretary and chaplain and as secretary and vice president at the county level.

The daughter of Robert and Sue Ann Lott, R1 Biglerville, she has had projects in swine finishing and raising broccoli and her SOE activities were in vegetable and fruit farming and roadside market work.

Among her awards were gold medals in both state livestock judging and extemporaneous public speaking.

Also active in 4-H, she is a member of the Biglerville Grange 2063 Other activities included basketball cheerleading and the Mont Alto Forensic Club.

Her future plans call for working as an agricultural consultant or with a cooperative in ag economics and eventually owning her own farming operation.

Battlefield

DAVE SIGNOR

The offices of Dave R. Signor in the Battlefield FFA Chapter at Gettysburg Senior High School have included secretary and vice president, while he has served as secretary and sentinel at the Adams County level

The son of Robert G. and Faye K. Signor, 525 Herrs Drive, Gettysburg, he has had an SOE in on-farm placement for four years and a Holstein calf project for one year.

The Star Agribusinessman of his chapter, Signor placed first in the county and second in the state in tractor driving and third in the county in dairy judging.

His hobbies include hunting, farming and serving as disc jockey at school dances.

He plans to attend trade school and train to become a diesel and automotive mechanic.

JODY WILES

Jody E. Wiles is the son of Bernard L. and Louise R. Wiles, 204 Basehoar-Roth Road, Littlestown.

In the Battlefield Chapter at Gettysburg High he has served in the post of treasurer.

His projects have included work experience and dairy. He has also served on the chapter's citrus committee

Among his hobbies are basketball and hunting.

He plans to work in dairying and eventually in partnership with his brothers.

ED WILKINSON

Ed. H. Wilkinson, of the Battlefield FFA, has served as both chapter president and Adams County president.

He has also served as chapter vice president

He holds three star awards – Star Greenhand, Star Chapter Farmer and Star Adams County Farmer

He placed first in county tractor drving and had a gold medal state project book. He has received the chapter's dairy production award and the Production Credit record keeping award.

His dairy projects have included

(Turn to Page D19)

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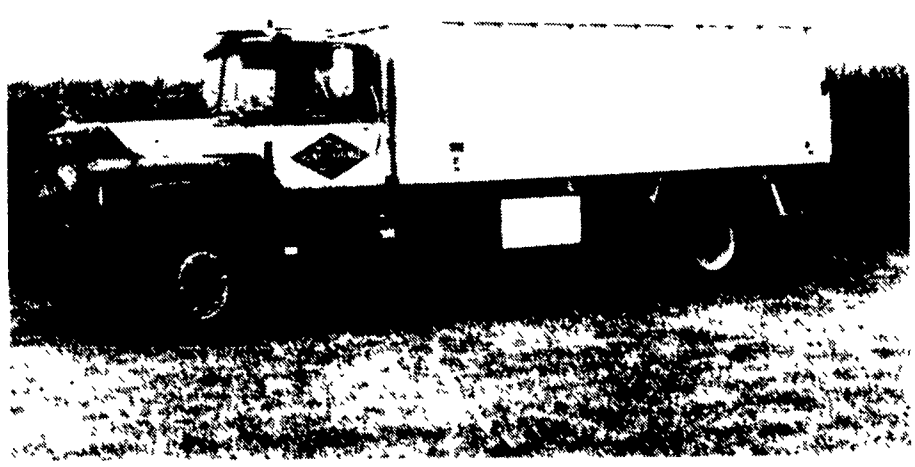

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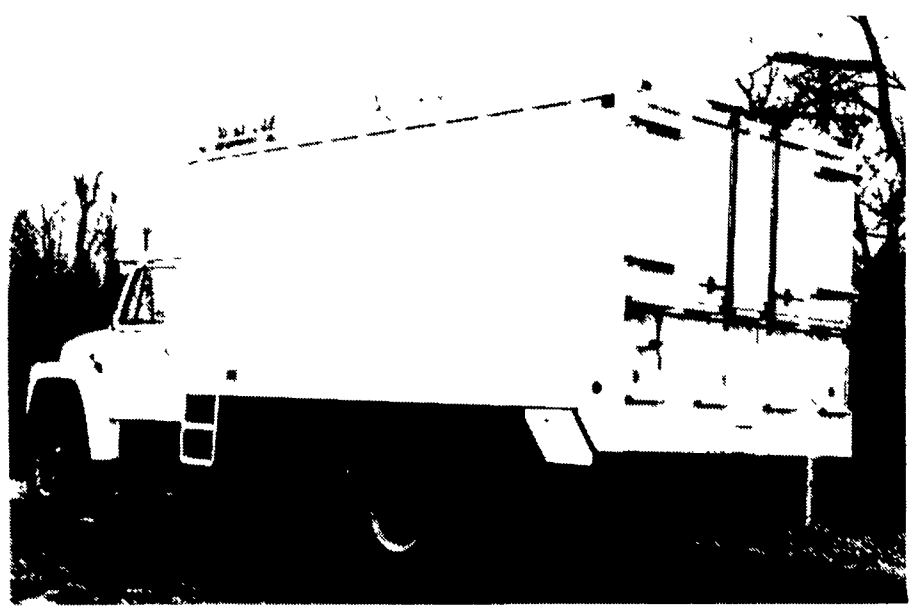

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Pa's Keystone Farmers

(Continued from Page D18)

cows, heifers and calves and the growing of wheat and field corn.

He has helped with various chapter BOAC projects and served on committees dealing with citrus sales, public relations, banquet and recreation.

Other activities include a member of 4-H Dairy Club, 4-H Senate president and member of Bethel Church.

The son of Larry and Doris Wilkinson, 555 Rentzel Road, Gettysburg, he plans to work with his father following graduation and eventually enter into a partnership.

Motorcycles and four-wheeling are his hobbies.

Bermudian

TIMOTHY STARNER

Timothy C. Starner, of the Bermudian FFA Chapter at Bermudian Springs High School, is the son of Melvin E. and Sarah L. Starner, 1255 Groupe Mill Road, New Oxford.

His projects in the chapter have included the finishing of 15 head of swine and four dairy cows. He has participated in dairy work experience for three years.

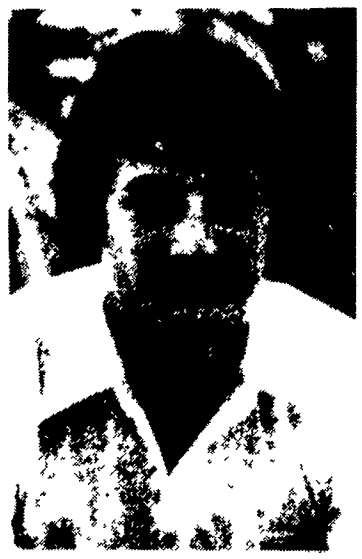
His committee posts have ranged from dues and Fall Harvest to the summer picnic and scholarship.

His chapter offices include both treasurer and parliamentarian. In 1981 he placed second in livestock judging at the chapter level. This past year he was third in chapter tractor driving and received a state bronze medal in livestock judging.

The 17-year-old FFA'er plans to continue to work on the family farm, including his dairy cows. He hopes to work toward a partnership.

Hunting and riding cycle are his hobbies.

Conewago-New Oxford



RONALD JARVIS

Ronald E. Jarvis has held the offices of chaplain and reporter in the Conewago-New Oxford FFA Chapter at New Oxford Senior High School.

The son of Ezra and Mary Jarvis, he has conducted projects in swine finishing and work experience. His committee assignments have included community service, recreation, executive and fund raising.

He was a member of the county's second place parliamentary procedure team for two years and had a gold medal project book this past year. He has placed well in a number of county contests and has received various foundation medals.

He is the South Central Regional Star Agribusinessman.

He has participated in high school football, basketball and track, on chapter sports teams and in intramurals.

While hunting and sports are his main hobbies, he hopes to work toward his own swine operation.

BRIAN NESS

The primary project of Brian J. Ness in the Conewago-New Oxford Chapter has been working on the Kling-Ayr Dairy Farm of Charles Klinger.

The son of Reuben and Nancy Hess, of New Oxford, he has held the chapter offices of secretary

(Turn to Page D22)

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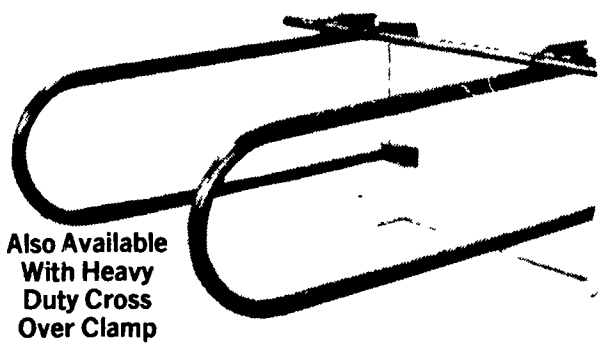

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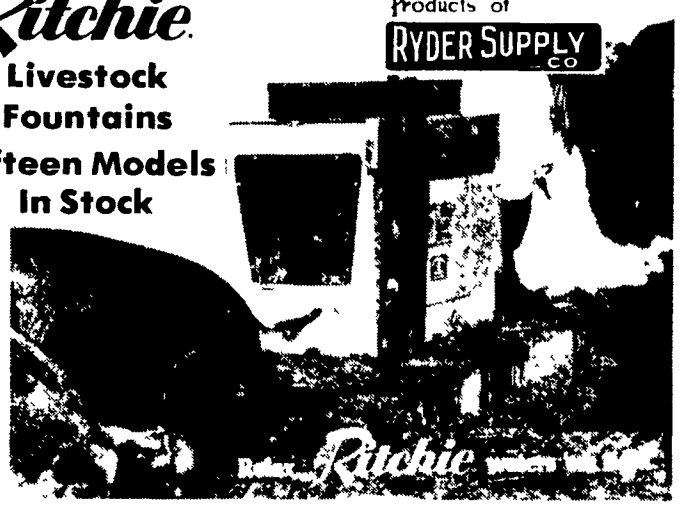

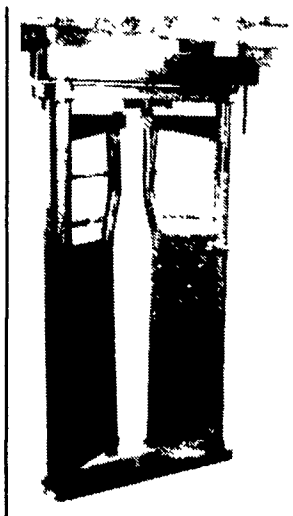

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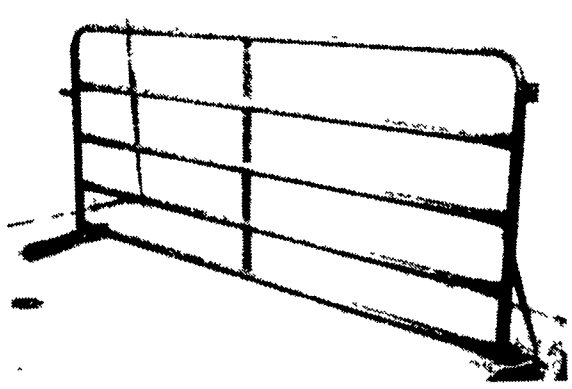
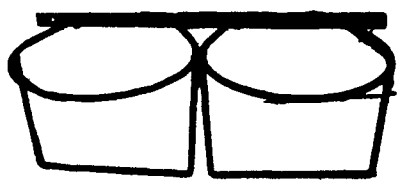


CALF PAIL RACKS AND HAY RACKS



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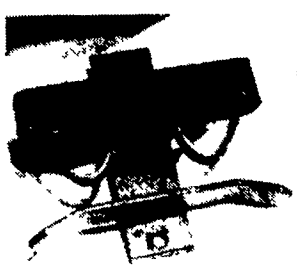

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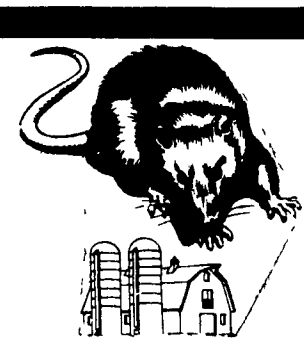

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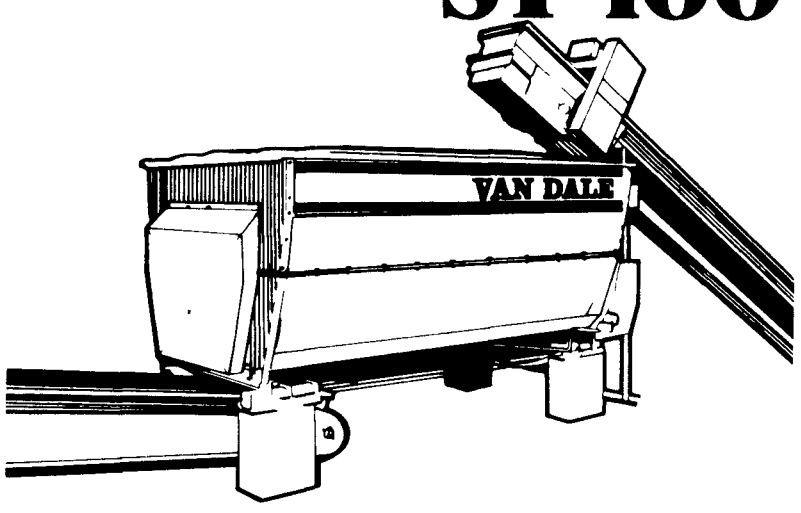

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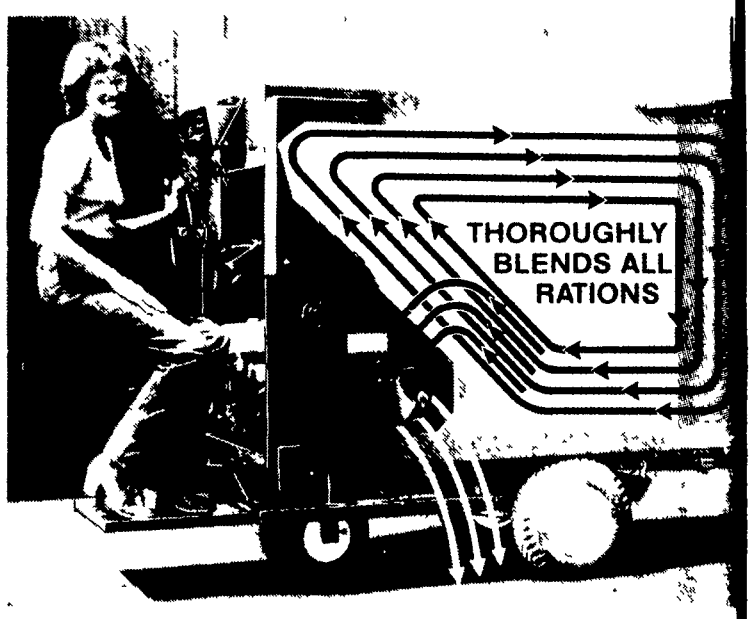

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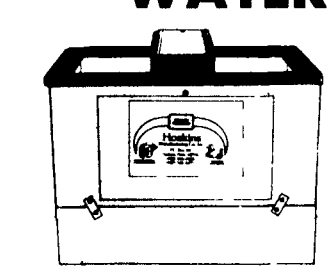
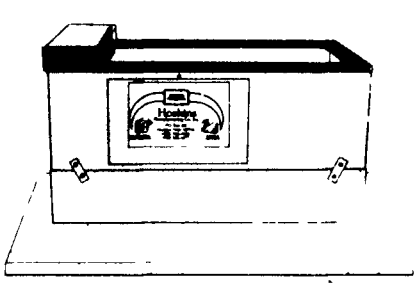
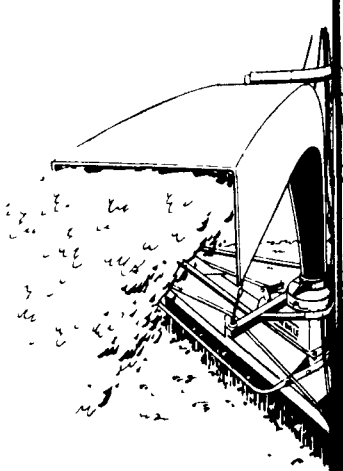




THE FARMSTEAD



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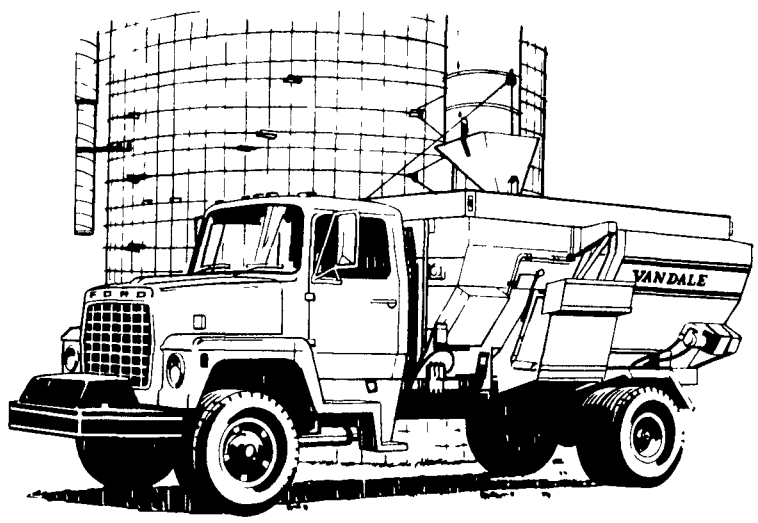

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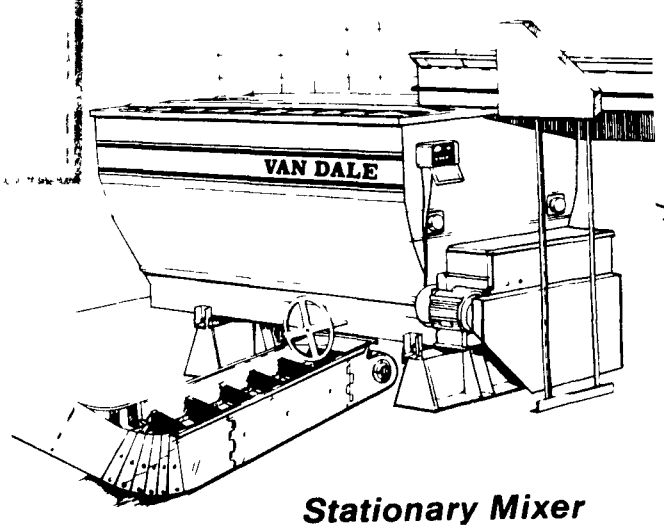
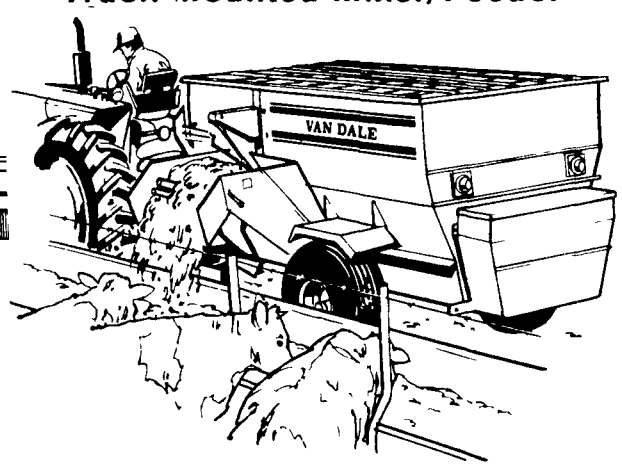


Stationary Mixer



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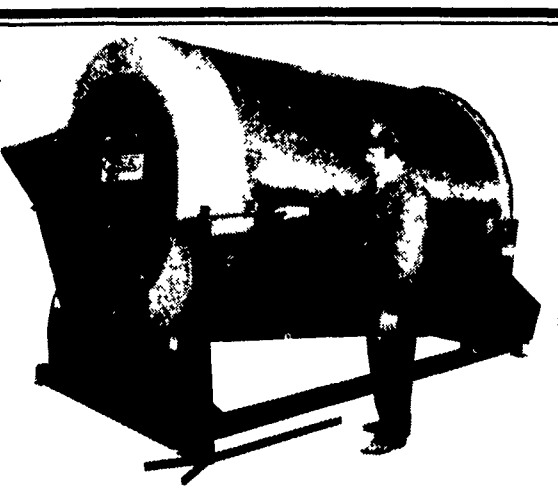


Leadership stressed by Keystone Farmers

(Continued from Page D19)

and treasurer. He, too, was a member of the second-place parliamentary procedure team and received a silver medal in livestock judging this past June at Penn State. He had a gold medal project book and has been named the Star Chapter Agribusinessman.

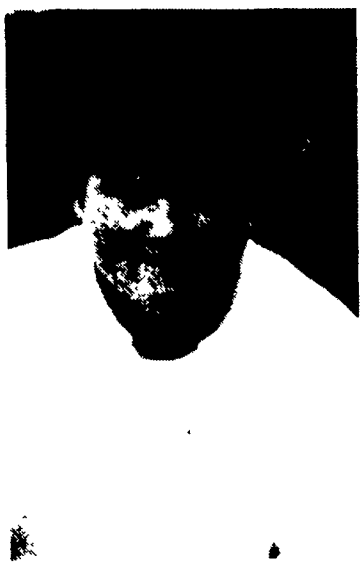
His committee posts in the chapter include community relations, alumni relations, recreation, finance and public relations.

He has been active in high school intramurals and in chapter sports events. Hunting, fishing, sports and cycling are his hobbies.

He hopes to own his own farm one day.

RALPH SANDERS

The projects of Ralph H. Sanders, of the Conewago-New Oxford Chapter, have centered on swine – with two years in breeding projects



and two working with his father.

He is the son of James and Viola Sanders, of 1014 Low Dutch Road, Gettysburg.

In the chapter, he has served as chaplain and vice president. A member of the chjapter's parliamentary procedure team, he has participated in chapter sports.

Committee work has ranged from recreation and service to executive and public relations.

He plans to go into partnership with his father.

Mason Dixon

ERIK QUANBECK

Erik D. Quanbeck has pursued an active carrer in the Mason Dixon Chapter at Fairfield Area High School, including serving as chapter president.

Among his other honors have been the DeKalb Award, second-place in the state extemporaneous public speaking contest, Star

Chapter Agribusinessman, proficiency award in ag sales and service and the chapter leadership award.

Other chapter activities include chairmanship of the public relations committee, arranging the first field trip to Southern States Headquarters in Baltimore, Md. and chairman of the dance, judging team, Farm Show, Homecoming Float, Cooperation and Leadership Committees.

He is the son of James and Elsa Quanbeck, of R2 Fairfield.

other activities include 4-H, State FFA Band and the Santa Gertrudis Breeders International organization.

Among his hobbies are art and music and he hopes to follow a career in animal feed sales or management.

Bedford

BRIAN KOONTZ

Brian Koontz of the Bedford FFA Chapter at Bedford High School

has conducted a variety of livestock and crop projects during his four years as a Future Farmer of America.

His projects include dairy heifers, swine finishing, corn for grain, veal calves, beef finishing and beef breeding.

He is the son of Richard and Shirley Koontz, R4 Bedford.

In his chapter Koontz has served in the post of sentinel in 1982 and as

(Turn to Page D23)

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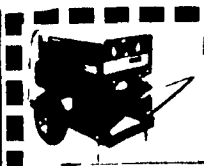

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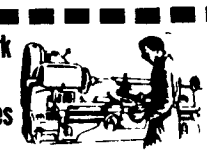

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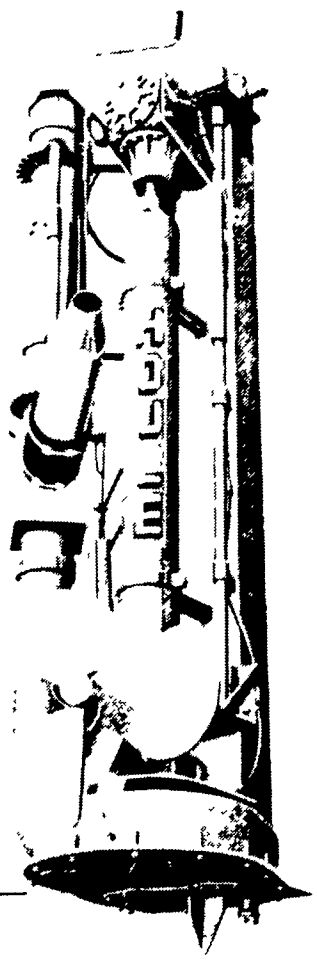

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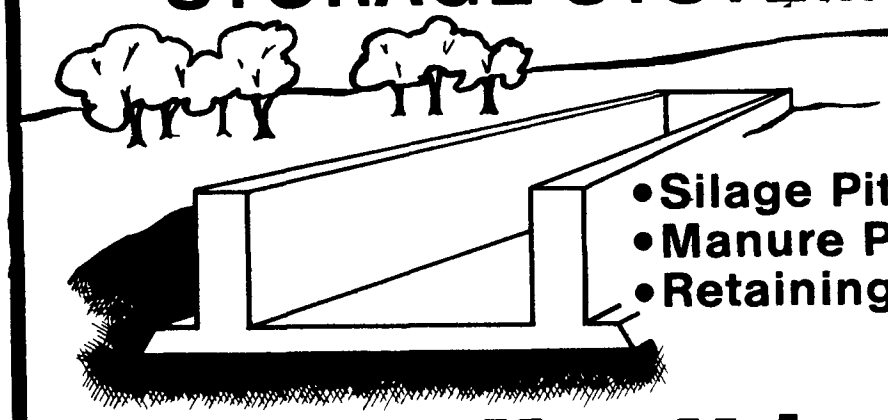

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(Continued from Page D22)

student advisor during the past year.

His extracurricular activities at Bedford High School have centered on wrestling.

He plans to pursue a career in dairy farming.

N. Bedford

DONALD BOWSER

Donald Luke Bowser, of the Northern Bedford FFA, has concentrated on his dairy cattle as his projects and has consistently shown them to high placings in numerous shows.

In 1982, he had his senior calf nominated for Junior All American and also had the Reserve Junior Champion at the Pa. Junior Dairy Show. This past year he had Honorable Mention Jr. All-Pa. Sr. Yearling and the Junior Champion at the Junior Dairy Show.

In addition to his dairy animals, he had grown winter wheat as a project.

In his chapter, he has served as assistant treasurer and on many committees, including refreshments, livestock as chairman, program of work, dairy judging and Greenhand.

In 1982, he received the Gold Foundation Award for Dairy Production, a gold medal in the state in two-enterprise and was on the dairy judging team.

He is president of the Morrison's Cove 4-H Dairy Club, is a member of the Blair County Dairy Judging Team and active in the Junior Holstein Association.

The son of Donald R. and Marjorie Bowser, R1 New Enterprise, he plans to go into partnership with his brother in Holstein breeding.

Member of the East Freedom Church of the Brethern, he lists dairy judging as his chief hobby.

HARRY BRUBAKER

Harry L. Brubaker III has served the Northern Bedford FFA as chapter reporter for the past two years.

He splits his major farming projects between his dairy calves and cows and growing corn and alfalfa.

Among his awards have been a third in state land judging, foundation awards in dairy production, Farm Credit Award for record keeping and a state gold medal for record keeping.

In FFA he has also served on the executive and program of work committees and in other school activities participates in the Photography Club, Yearbook, Press Club, Math League and the 4-H Dairy Club.

Son of Harry and Violet Brubaker Jr., he has as hobbies such endeavors as photography, traveling and motorcycling.

In the future, he plans to strive for state office and attend college before returning to the family farm.

JAMES CLAPPER

James Richard Clapper has conducted a variety of projects in his fours years in the Northern Bedford FFA, including dairy cow, oats, corn for silage and grain, hay and rye.

The sentinel of his chapter, he has received foundation awards in crop production, was a member of winning dairy judging teams both at Activities Week and at Harrisburg and also took a first in tractor driving.

Among his many committee assignments have been executive, Greenhand, tractor driving chairman, cleanup chairman and program of work.

In other activities he is a member of the Junior Holstein Association and Koontz Church and active in chorus.

He is the son of Jesse and Mary Clapper, R1 New Enterprise and enjoys dairy judging and snowmobiling as hobbies.

He plans to continue working on a dairy farm to prepare for his own operation.

ERIC CORLE

President of the Northern Bedford FFA is Eric L. Corle, who served the previous year as chapter chaplain.

A Chapter Star Greenhand, he has won foundation awards in public speaking and dairy production and a bronze and gold in state project book competition. He has served on the executive committee for two years.

His projects are divided between his dairy animals and growing corn, alfalfa and oats.

In school he is also active in chorus, track, student council and

(Turn to Page D24)

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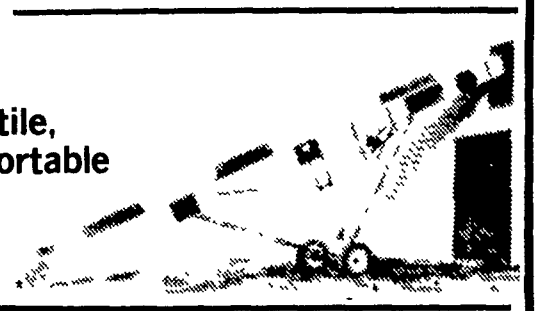
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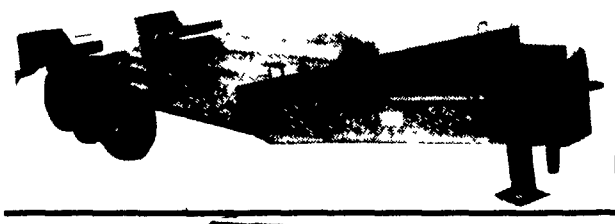
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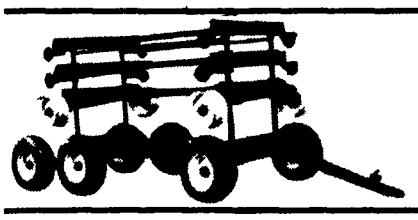
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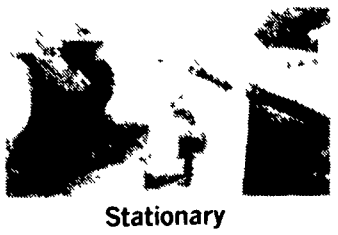
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Pa's Keystone Farmers

(Continued from Page D23)

Varsity Club. He also plays church softball and volleyball.

Besides snowmobiling and collecting baseball cards, he likes to work with computers.

The son of Kenneth and Donna Corle, R1 Roaring Spring, he plans to get a computer to help with keeping the farm records and work with his father in the Holstein operation.

DOUGLAS SMITH

Treasurer of the Northern Bedford FFA for the past two years has been Douglas Daniel Smith.

His projects in the chapter have included dairy cows and heifers, corn for silage and grain and alfalfa.

He has won foundation awards in farm management and dairy

production and took a silver medal in state competition in 1982.

In other FFA activities he has served on the citrus committee and participated in the All American Dairy Judging Forum.

Active in 4-H, he is a member of the Woodbury 4-H Dairy Club, a county and area counselor for camp. He also participates in track and Junior Holstein Club and is a member of the Woodbury Church of the Brethern.

Son of Daniel and Beverly Smith, R1 Roaring Spring, he enjoys hobbies such as motorcycling, skiing, swimming, roller skating and showing his cows.

He plans to further his agricultural education and become more involved in the family farm operation.

Berks

Conrad Weiser

BRIAN SCHAEFFER

Among the major awards achieved by Brian R. Schaeffer in the Conrad Weiser FFA Chapter are Star Chapter Farmer honors and four swine proficiency awards.

The son of Adam H. and Helen M. Schaeffer, R3 Wernersville, Schaeffer has served in the offices of chapter chaplain and vice president.

He has served on numerous committees and was chairman of the window exhibit, Food for America, Christmas wreaths, cooperation and citrus committees in his senior year.

He is a member of the Gouglersville Grange 1743 and a member of Hain's Church and Youth Group.

Sports are his major hobby. He plans to continue following a farming career in his hog operation and the family dairy farm.

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Hamburg

HAROLD DIETRICH

Harold Dietrich Jr. is president of the Hamburg Area FFA Chapter at Hamburg High School.

Other offices he has held include chapter vice president and treasurer. He has also earned Star Chapter Farmer honors.

Son of Harold Dietrich Sr., R1 Hamburg, he has had dairy herd, breeding and market swine and field corn projects. He has been awarded a silver medal in dairy judging and has been recognized in livestock judging and public speaking.

He has served as BOAC chairman for the chapter and on the Food for America committee.

He is a member of the Northern Berks 4-H Dairy Club, the Berks County 4-H Swine Club, Shartlesville Grange and a member of the 1983 Pa. 4-H Dairy Judging Team that traveled to Wisconsin for the World Dairy Expo.

While hunting, fishing and trapping are his hobbies, he plans to work on his father's dairy farm and start a hog operation of his own.

PATRICIA DREISBACH

In addition to her dairy projects, Patricia Dreisbach of the Hamburg Area FFA Chapter has also followed a busy schedule of other activities at Hamburg High School.

Her FFA projects include a dairy herd of 17 Jerseys, 15 veal calves and laying hens.

In dairy judging, she was fourth highest individual and a member of the top team at Penn State Activities Week and received a gold medal as a member of the third-place team at national competition.

Her committee posts include banquet, BOAC, Food for America, window exhibit and float.

(Turn to Page D26)

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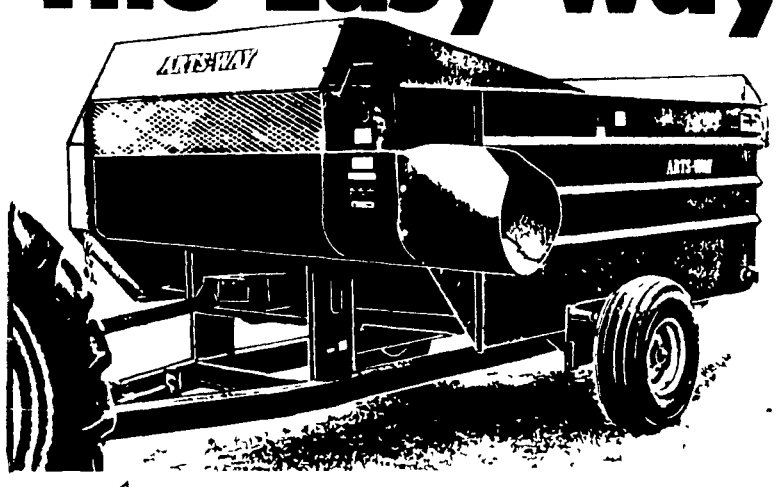

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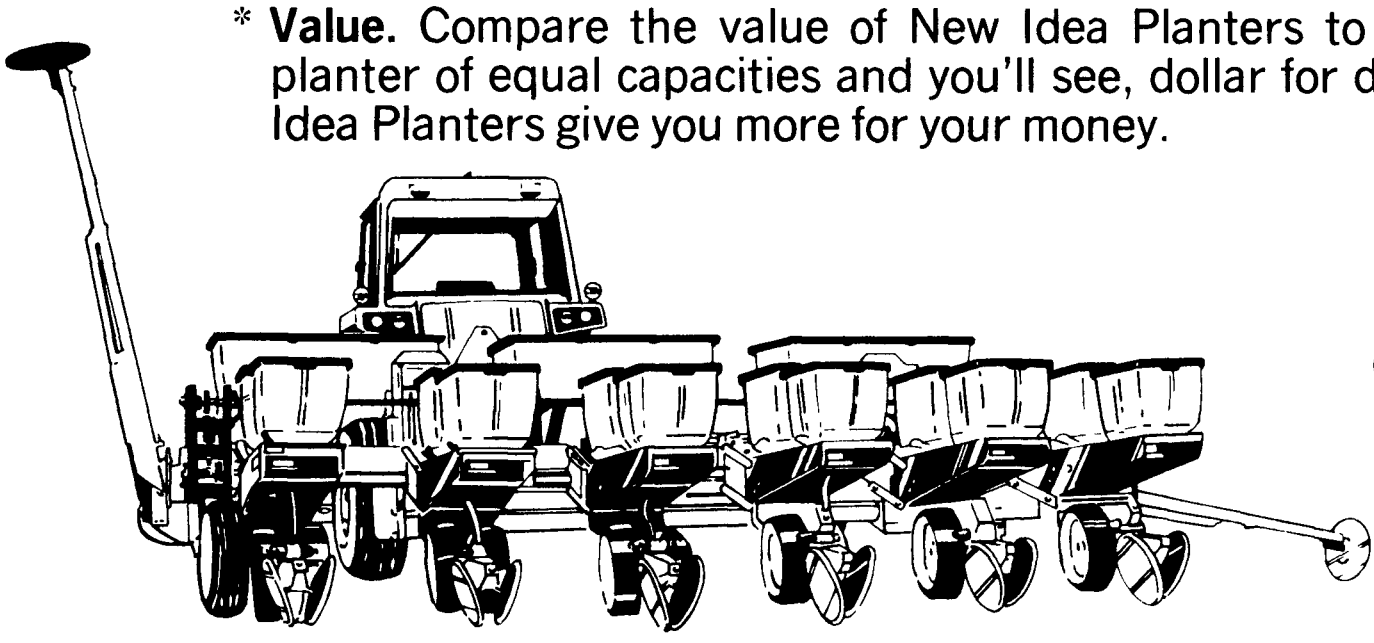

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Pa's Keystone Farmers

(Continued from Page D24)

Other activities at school include French Club president, Photography Club vice president, photo editor of Yearbook staff, National Honor Society and Student Council.

She is vice president of the Northern Berks 4-H Dairy Club and president of the Berks County 4-H Council.

Daughter of Robert and Helene Dreisbach, R3 Hamburg, she plans to attend Virginia Tech to major in dairy science and journalism. She plans to follow twin careers of operating a registered Jersey operation and working as an ag journalist.

CHARLES SEIDEL

Charles R. Seidel holds the twin posts of vice president of both his Hamburg Area FFA Chapter and the Berks County FFA.

His projects have included dairy herd, market swine and field corn.

He was a member of the first-place Pa. FFA Dairy Judging Team in 1982 and took a silver medal in national competition..

The son of Mr. and Mrs. Robert L. Seidel, R1 Lenhartsville, he attended the Washington Conference Program this past year.

He was a member of the top 4-H Dairy Judging Team in Pa. this past year, member of the National Honor Society, Student Council representative, president of the Virginville 4-H Dairy Club and president of the Berks County 4-H Swine Club.

He plans to attend Penn State.

Oley Valley

COURDLAN FISHER

Courdlan Fisher, of the Oley Valley FFA Chapter, has conducted a variety of projects during his four years in the Future Farmers of America.

These projects have ranged from swine finishing and beef breeding to laying hens and growing forages.

In addition, he has had an SOE in work at Koch Orchard.

Fisher is the son of Irvin and Jean Fisher, of R2 Oley. He has held various chapter committee assignments at Oley Valley.

He is active in his church choir and youth group.

He plans to continue farming and work toward managing his own beef herd.

JAMES HEFFNER

James Heffner, of the Oley Valley Chapter, is president of the Berks County FFA.

Last year, he held the posts of Berks County sentinel and chapter vice president.

Among his awards are a gold medal in the state project book contest, a proficiency award in sheep production and a silver medal in state livestock judging

(Turn to Page D27)

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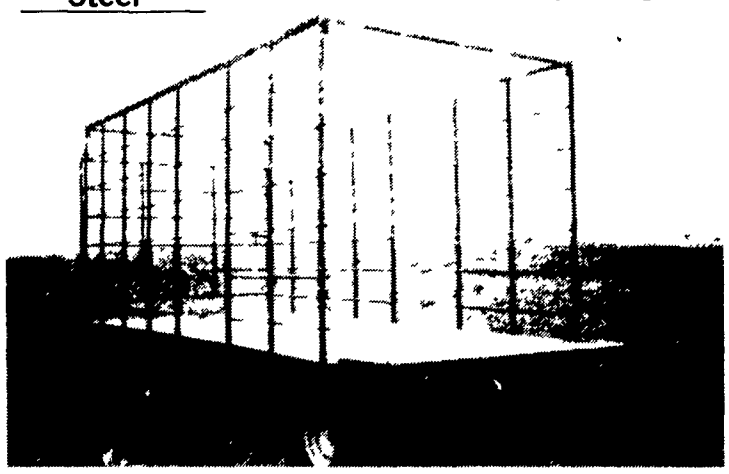

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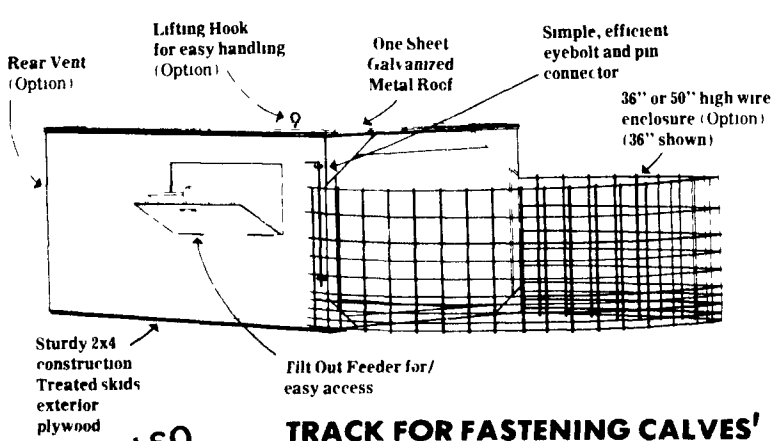
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PENNSYLVANIA CHAPTER LICA

Top FFA'ers to be honored Wednesday

(Continued from Page D26)

this past June.

The son of Wilson and Mary Heffner, of R2 Fleetwood, he has conducted projects in market lambs and breeding sheep.

He plans to attend college or join the Air Force to obtain a background in computer science and pursue a career in that field.

STEVE MILLER

The numerous projects of Steve Miller during his four years in the Oley Valley FFA Chapter have included dairy heifers and cows, and growing wheat, corn, oats and hay.

In addition to various committee assignments, he has held the chapter offices of chaplain and reporter. He has participated in numerous judging contests and took first place in the 1982 Berks County FFA Corn Contest.

He is the son of Victor and Mae Miller, R2 Oley.

He plans to continue working on the family's dairy farm.

TIMOTHY SHANE

Timothy Shane is the son of Gene and Sandra Shane, of R1 Oley.

In his four years in the Oley Valley FFA Chapter, he has had projects in sweet corn, home garden and dairy heifers.

Also, he has been employed in a cooperative program at the Oley Turnpike Dairy.

In 1981 he served as the chapter reporter.

His future plans center on owning and operating a dairy farm.

MICHAEL SPAYD

Michael Spayd has held three different offices in the Oley Valley FFA, including secretary, treasurer and president.

Among his major awards was his selection as Star Greenhand and Star Chapter Farmer. He received a gold medal in dairy showmanship in last summer's state contest.

He is the son of Edwin and Mary Spayd, of RD Fleetwood.

He has conducted projects in dairy heifers and greenhouse production and has served on various chapter committees.

He plans to attend Penn State and major in agribusiness.

Tulpehocken

LLEWELLYN MOYER

LLewellyn J. Moyer, son of Mr. and Mrs. Charles D. Moyer, R2 Bernville, has served in the post of sentinel and vice president of the Tulpehocken FFA Chapter.

In addition, he is Berks County FFA Chaplain.

His chapter projects include swine breeding and finishing, raising corn and on-farm SOE. He has served as BOAC Committee chairman and on other groups handling seed, citrus and bulb sales and the awards banquet.

His project books in corn yield have taken both first and second places in county competition. He attended the state leadership training session at PEEC.

Other activities at school and in the community include his Church Youth Group, Student Council and the junior and senior class plays.

In future FFA activities he plans to strive for state office and work towards his American Farmer Degree.

He also plans to take a two-year course in dairy nutrition and work in dairy farming.

Twin Valley

DUANE AULENBACH

Mechanics has been the center of project activities for Duane

Aulenbach, of the Twin Valley FFA, including operation of his own small engine repair shop.

His projects have included work at Aulenbach and Sons Oil Co. and the Bentz service station.

His committee assignments range from Food for America and raffle to landscaping and banquet. He has served as chapter treasurer.

His chairmanships have been for the car show, pumpkin contest and fund raising.

He has placed first in county land judging and project book contests and has taken part in ag mechanics and state small gas engine competition.

Cars, particularly his Mustang, are his hobby. He now attends automotive school and plans to become a mechanic.

KEVIN GRIEST

Kevin T. Griest has had projects in steers, corn, wheat, veal calves, heifers and swine in the Twin Valley FFA.

Chairman of the pumpkin contest, corn test plot and safety committees, he has also served on executive, Food for America, raffle, BOAC and citrus groups.

Chapter vice president, he has participated in parliamentary procedure, agronomy, dairy foods and project book competition.

He is the son of Mr. and Mrs.

Howard Griest Jr., R1 Honey Brook.

He plans to continue working in dairy production.

His hobbies include cars, cycles and building models.

WILLIAM KIRK

A Twin Valley Chapter Star Farmer, William Kirk has been awarded a silver medal in the state meats contest and two golds in state project book competition.

The son of Mr. and Mrs. Robert Kirk, R4 Honey Brook, he has served as chapter sentinel and junior advisor. A member of the

(Turn to Page D28)

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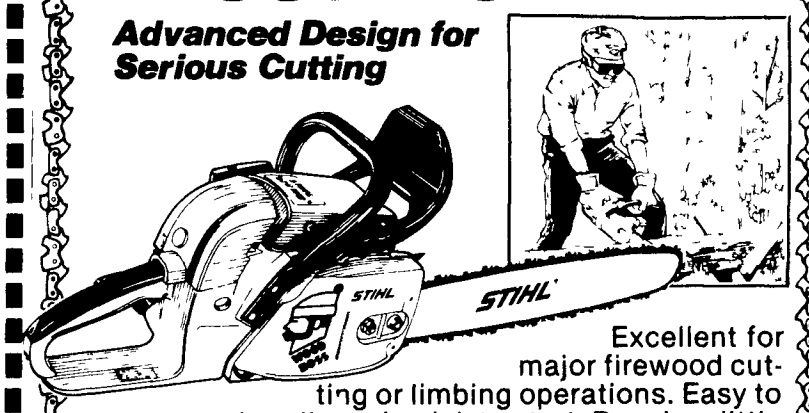

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Hail to Pa's Keystone Farmers

(Continued from Page D27)

State FFA Band, he has held the chairmanship of the recycling, corn test plot, conduct of meetings, projects, raffle and alumni committees.

He has taken a first in area meats judging, a first in corn and hay at local fairs and a first in county project book contest at Allentown Fair.

Other activities included band, jazz band and National Honor Society.

He plans to continue work in the family's Tobi Hill Farms – retail beef operation.

MARY McMULLEN

The projects of Mary Eileen McMullen at Twin Valley have included greenhouse, flower shop and market stand activities.

The daughter of Mr. and Mrs. Frederick McMullen, Elverson, she has served as chapter secretary and reporter and county secretary.

Her chapter awards have come in public speaking and she has been in State FFA Chorus for four years. She has chaired committees involved in Food for America, Slave Sale, Vo-Ag Fair, Public Relations, County leadership training and food baskets.

Her extracurricular activities have been in Future Business Leaders, Future Homemakers, Junior Achievement and softball.

In the future she plans to either continue working in the family's greenhouse and flower shop or continue schooling to be an agricultural aide.

BRENDA WERNER

Brenda Wynn Werner had served as chapter president and vice president at Twin Valley and Berks County FFA secretary and president before graduating and moving on to study animal husbandry at Delaware Valley College.

At Twin Vallek her` project centered on quarter horses and committee assignments included window exhibit, raffle, pumpkin contest, Food for America and BOAC.

She participated in parliamentary procedure and public speaking competition, State FFA Band, project book contest, dairy, livestock and land judging

She took a first place in the state project book competition.

Daughter of Mr. and Mrs. Jack Werner, R2 Elverson, she plans to continue her education and training toward operation of a horse breeding farm.

LISA YODER

Lisa Yoder's main project at Twin Valley FFA centered on her work at an animal research facility.

A five-year member, she chaired BOAC and safety committees and served on Food for America, poster and citrus groups. She also helped plan dairy farm tours for elementary students and the teacher appreciation breakfast.

She took a first place in the state interview contest and took part in parliamentary procedure, public speaking, project books and land judging.

Daughter of Mr. and Mrs. Robert Shaw, R2 Elverson, she plans a career in law enforcement.

Her extracurricular activities ranged from karate to softball and activities with the local fire company.

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Blair

Bellwood-Antis

WILLIAM WALKER

President of the Bellwood-Antis FFA Chapter at Bellwood-Antis High School is William R. Walker.

Previously, he has served as chapter sentinel and student advisor.

Among his top awards are honors as both Star Greenhand and Star Chapter Farmer.

Among his many varied projects have been swine breeding and finishing, field corn, strawberries, sweet corn, tomatoes, Christmas trees, beef breeding and potatoes.

In addition to winning two gold medals in state competition in public speaking, he has served on committees for the awards banquet, Greenhand initiation and the Bedford Fair swine show.

Among his other activities are football, varsity club and the Tipton Baptist Youth Group.

His hobbies include hunting and fishing

He plans to continue involvement on the family farm.

Central Cove

DARRELL CLAPPER

Darrell Clapper is the son of Mr. and Mrs. Clair Clapper, of R1 Martinsburg and a senior at Central High School. He is president of the Central Cove FFA this year and served as assistant treasurer last year.

Clapper works on the family's farm that includes 90 acres and a 30-cow herd. His FFA farming program is centered around dairy cattle and field crop enterprises. The program won a gold award in 1982 in the three-enterprise division and a silver medal in 1983 in the four-enterprise division.

(Turn to Page D30)

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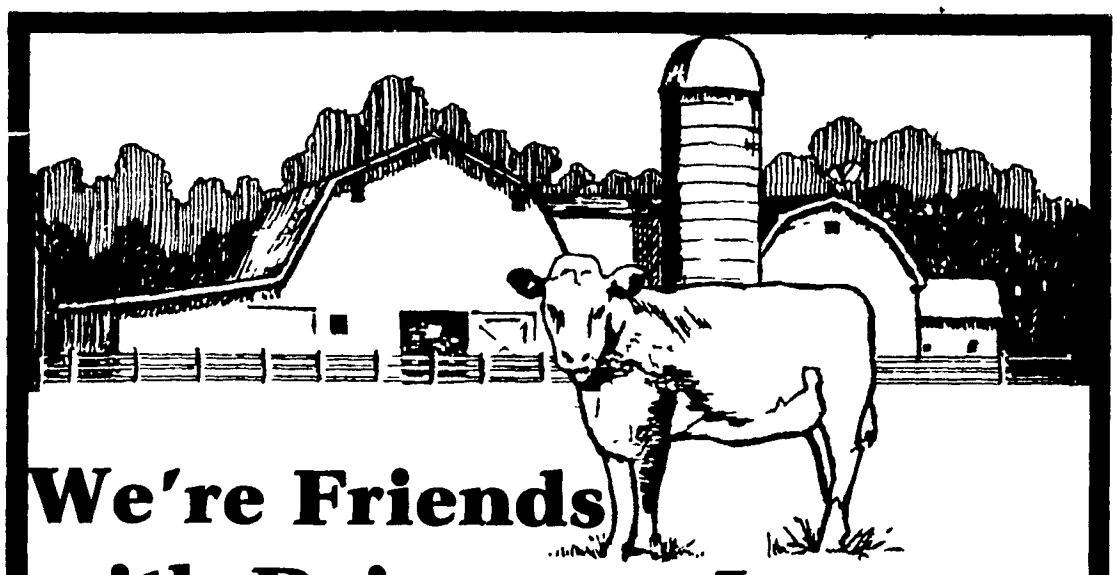

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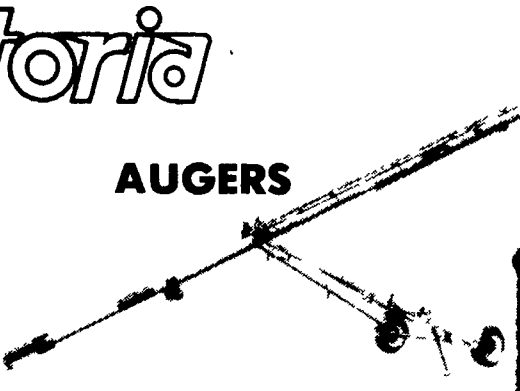
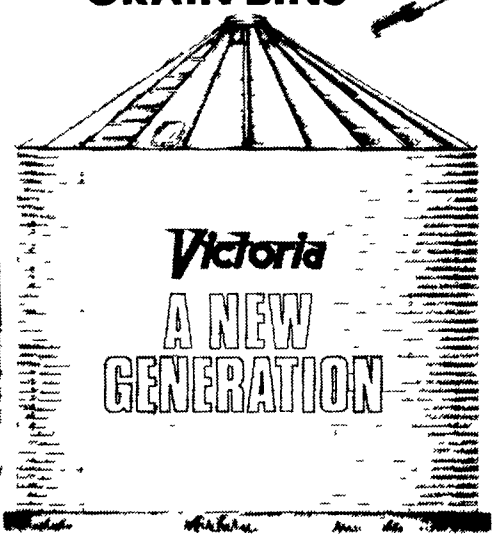


GRAIN BINS



HOPPER TANKS

12'-0" (3,66m)► 45° & 60°
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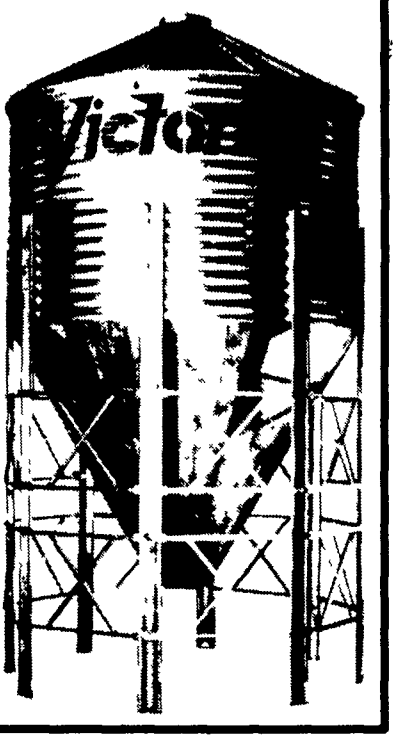
5" (13 cm) Corrugation



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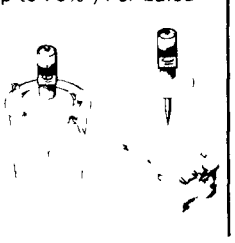
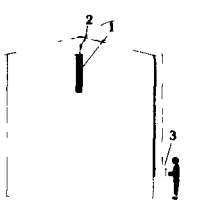


FARMI

TEMP-TEST



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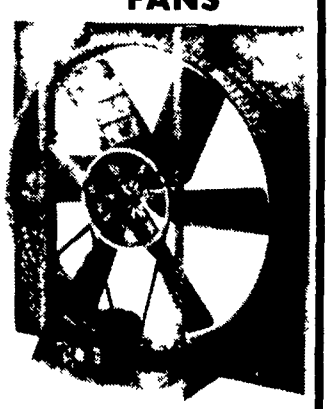

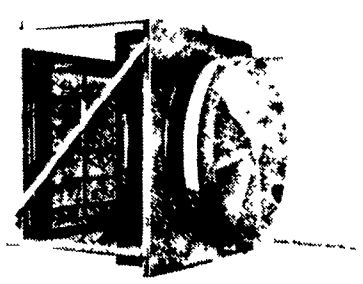

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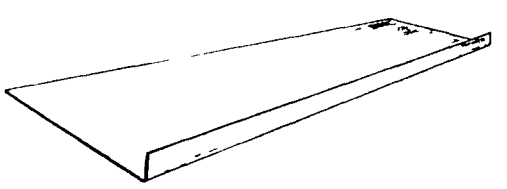

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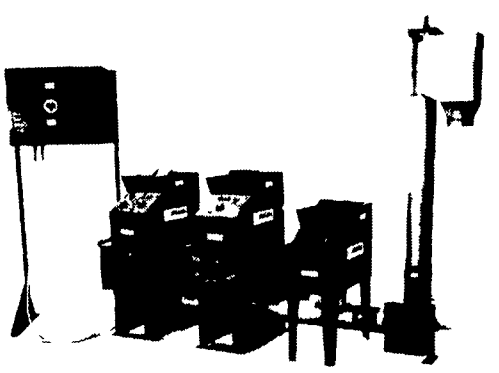

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Commonwealth honors FFA leaders

(Continued from Page D29)

He has shown dairy cattle on the local, regional and state levels. Demonstrating his ability to judge dairy cattle, he placed 13th in the state contest this past year. He also placed fourth in the state 4-H judging contest and was a member of the state team that competed at the World Dairy Expo in Madison, Wisc.

He tied for fourth in the Blair County Land Judging Contest in 1982 and won a silver award in competition at the state level. He was a member of the chapter's parliamentary procedure team the past two years.

In 1981, he was the chapter's Star Greenhand.

Clapper plans to attend college and then return to the family farm. He enjoys working witrh computers and model railroading for hobbies.

JULIE KENSINGER

Julie Ann Kensinger serves as secretary of the Central Cove FFA – the same chapter post she held last year. Daughter of Mr. and Mrs. Dan Kensinger, R1 Roaring Spring, she is a senior at Central High School.

She assists her family on their 80-acre dairy farm that includes 40 head of Holstein cows. Her farming programs centers on dairy cattle and field crop enterprises.

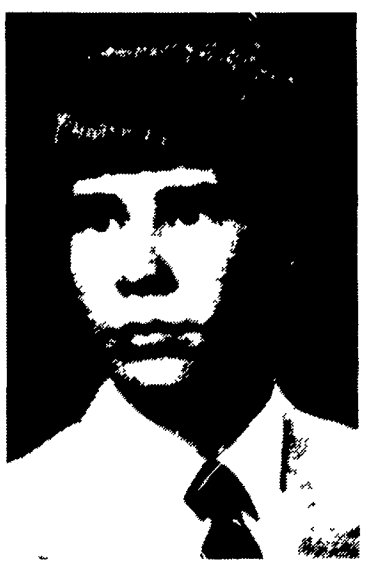
The Central High senior was a member of the chapters's parliamentary procedure team. She has shown cattle at local and

regional dairy shows. She was a member of her chapter's dairy judging team that placed second at the state contest. She participated in the Area Institute of Cooperation Youth Convention.

The Central Cove honor of Star Chapter Farmer was bestowed on her last year. She took a gold medal in the six-enterprise division of state competition.

She is the third member of her family to receive the Keystone Degree. Her father, Dan, received it in 1958 and her brother, Brian, received it last year.

She plans to attend college and pursue a career working with horses.



BRADLEY SMITH

Bradley Smith is the son of Mr. and Mrs. James Smith, of R1 Roaring Spring. He is a senior at Central High School and serves as vice president of the Central Cove FFA. Last year, he was reporter.

He works with his father and brother on the family's 110-acre farming operation that includes a milking string of 40 Holsteins.

His farming program stresses dairy cattle and field crops. A frequent dairy exhibitor, he also placed eighth at the Pa. Jr. Invitational Dairy Judging Contest at Harrisburg last fall.

The chapter's dairy judging team placed second at the Activities Week competition. Besides serving on numerous committees, he was a member of the PP team that placed second in the Blair County contest in 1983. He placed ninth in the county land judging contest the past two years and won a bronze in land judging at the state level.

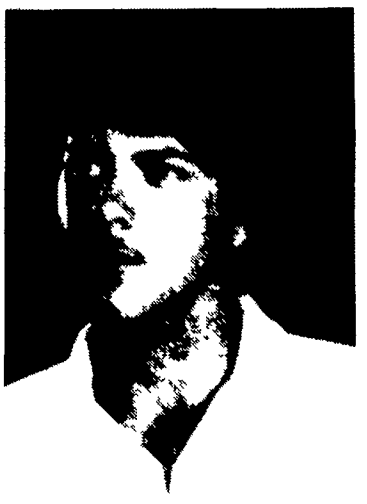
He is the fourth member of his family to receive the Keystone Degree. He was preceded by brothers Martin in 1971, Stephen in 1972 and Stanley in 1978.

He plans to attend Penn State after graduation. His hobbies are sports and bicycling.

DOUGLAS SMITH

Douglas A. Smith is the son of Mr. and Mrs. Dennis Smith, of R1 Martinsburg. A senior at Central High School, he now holds the Central Cove FFA office of treasurer and served last year as assistant vice president.

He and his father milk 45 head of registered Holsteins and farm 137 acres. Dairy cattle and field crops



are his projects.

He has exhibited dairy cattle at local and regional shows. In dairy cattle judging he placed eighth at the Pa. Jr. Invitational Contest in 1982.

He received the Agway award as the outstanding farm accountant in the chapter in 1982. He was a member of the chapter's PP team.

He plans to attend a two-year dairy production course at Williamsport and after graduation return home and continue farming with his father.

Hollidaysburg

TODD OPPEL

Todd Oppel is president of the Hollidaysburg FFA Chapter at Hollidaysburg Area Senior High.

He has held that top office for the past two years.

His farming program projects

include swine breeding and finishing, beef finishing, small grains, corn production and poultry for meat.

Among his major achievements are a farming program plaque, swine proficiency award and the ag mechanic award.

He is the son of Lorren and Delores Oppel, of R2 Hollidaysburg.

His extracurricular activities include volleyball and track and as hobbies he enjoys four-wheeling, hunting and motorcross.

Williamsburg

SHEILA BIDDLE

Sheila A. Biddle is the vice president of the Williamsburg FFA and has also served as chapter secretary.

She is the daughter of Mr. and

(Turn to Page D31)

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Pa's Keystone Farmers

(Continued from Page D30)

Mrs. J. Edward Biddle, of R1 Williamsburg.

Her farming program consists of beef finishing, swine breeding and finishing, home garden, sweet corn, strawberries, field corn and silage corn.

She has taken part in many contests, shows and activities, including public speaking in which she placed sixth in 1983. She had the grand champion market hog at the 1981 Blair-Bedford-Fulton Area Market Hog Show. She has shown beef and hogs at the Bedford Fair, winning trophies in fitting and showing. She has taken part in livestock judging at Bedford Fair FFA Week and KILE in Harrisburg. She attended the Pa. Association of Farmer Cooperative Summer Institute at Shippensburg State College last July and was picked to attend the American Institute of Cooperatives at Ohio State in August, 1983.

Her farming program has earned her numerous awards. She is also active on yearbook staff, school newspaper staff, band, chorus, girls' basketball and senior senate.

In the community she is active in the Methodist Church and Youth Fellowship and in 4-H livestock, cooking and sewing clubs. Her future plans include Penn State to study ag business management.

ROBERT BISHOP

Chapter president of the Williamsburg FFA is Robert G. Bishop, son of Mr. and Mrs. David Bishop, R2 Williamsburg.

His farming program consists of beef finishing, swine finishing, field corn, silage corn, oats, rabbits and turkeys. He has also served as chapter treasurer

Among his FFA activities are showing market hogs at the Blair-Bedford-Fulton Market Hog Show for three years and also at the Bedford Fair, where he won fitting and showing awards He has participated in the Blair County land judging contest and was a member of the chapter's PP team

At FFA Activities Week in 1982 he took part in dairy judging and this past year won a bronze award in livestock judging there.

He has attended the area leadership training conferences for the past three years. He is active in church youth activities

After graduation, he plans to remain involved in the family's farming operation.

DWIGHT BRUMBAUGH

Dwight R. Brumbaugh is assistant sentinel of the Williamsburg FFA He is the son of Mr. and Mrs Mervin Brumbaugh, R1 Williamsburg.

His farming program consists of beef finishing, swine finishing, field corn, silage corn, sweet corn, oats, broilers, roasters and layers. He has shown market hogs at the Blair-Bedford-Fulton Market Hog Show and the Bedford Fair, where

(Turn to Page D32)

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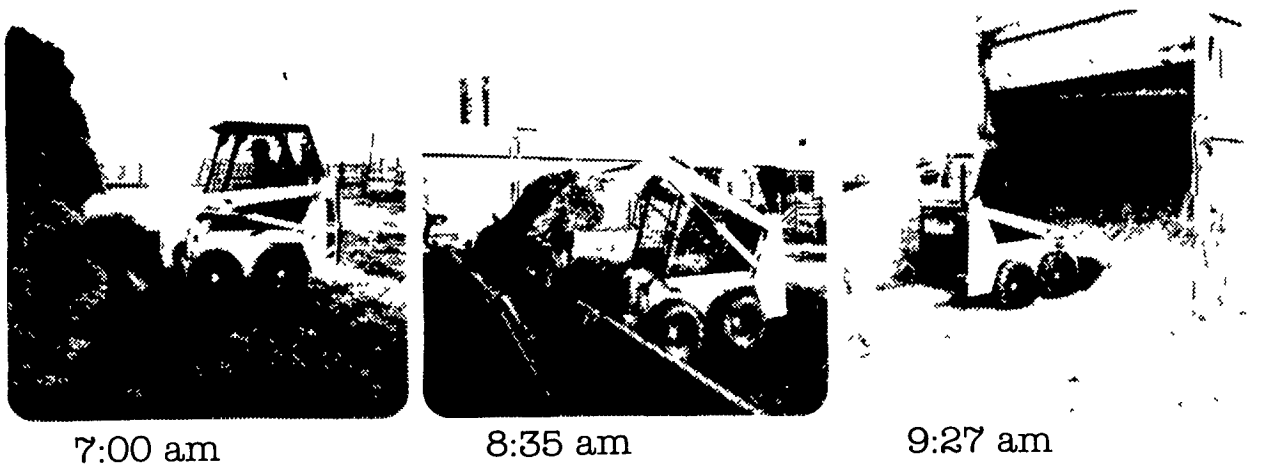

7:00 am 8:35 am 9:27 am

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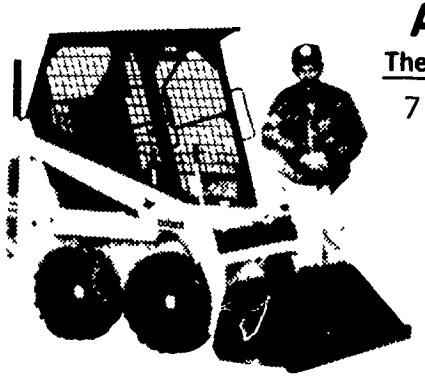

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(Continued from Page D31)

he won showmanship awards. He also showed baby beef at the Bedford Fair, where he earned both fitting and showing honors. He also took part in tractor driving contests at the Bedford Fair, Blair County FFA Contest and the Williamsburg Farm Show.

He participated in the Blair County land judging contest and attended FFA Activities Week in 1982 as a member of the chapter's dairy judging team. In 1983 he judged livestock.

After graduation, he plans to continue on the family's farm and eventually develop a partnership with his father.

BRIAN RAY

Brian Ray is the sentinel of the Willimasburg FFA and previously held the posts of secretary and vice president.

He is the son of Mr. and Mrs. George Ray, R2 Williamsburg.

His farming program includes dairy calves, dairy heifers, dairy cows, alfalfa, oats, field corn and silage corn. He has shown cattle at the Morrison Cove Dairy Show, the Southwest Regional FFA Dairy Show, Williamsburg Farm Show and the Pennsylvania State Junior Dairy Show. He has won numerous awards with his animals at all levels.

In 1981, he was a member of the chapter dairy judging team at FFA Activities Week at Penn State and the team took third place and received a trip to the World Dairy Expo at Madison, Wisc. He also judged at the All-American Dairy Show in 1981 and placed sixth.

He was a member of the PP team and took part in the Blair County land judging contest and earned a silver in that category in the state contest.

He has also been active in football, varsity club and the yearbook staff.

He will continue work on the family farm with his father and brother and would also like to further his education.

MR. AND MRS. J.E. BIDDLE

Mr. and Mrs. J. Edward Biddle, of R1 Williamsburg, will be honored with the Honorary Keystone Degree. It is given as a special award to parents who have had three sons or daughters receive the highest state degree in FFA.

Son, James received the Keystone Degree in 1975; son, Michael in 1978 and now daughter, Sheila on Wednesday.

Centre

Bellefonte

WAYNE GATES

President of the Bellefonte FFA Chapter at Bellefonte Area High School is Wayne A. Gates.

He also served as parliamentarian of his chapter last year.

His projects in the Bellefonte FFA have included swine, sweet corn, dairy heifer and working both at landscaping and on a dairy farm.

He was a member of the fruit sales committee.

Among his awards were selection as the outstanding sophomore and in ag mechanics and horticulture.

The son of Donald and Dorothy Gates, R5 Bellefonte, he enjoys hunting and fishing as hobbies.

His future plans include working as a welder and service in the Marine Reserves.

DEBRA-LEE SMELTZER

Dairy goats were the primary project of Debra-Lee Smeltzer while in high school in the Bellefonte FFA and has remained her major activity following graduation.

The daughter of Lee M and L. Jane Smeltzer, R5 Bellefonte, she is the current Pa. Dairy Goat Association Youth Representative and has been attending numerous state and national functions. She is a member of the American Dairy Goat Assn., Central Pa. Dairy Goat Assn. and the Pa. Dairy Goat Association.

In 1981-82 she held the office of chapter secretary and the following year was the county delegate to Activities Week at Penn State. She was named Star Chapter Farmer and received the senior leadership award and dairy foundation award.

She served on a number of chapter committees while in school and chaired several of them. In competition she took part in extemporaneous public speaking, placing second; soil judging and the 1983 demonstration team, placing ninth at the Farm Show.

Also while in school, she was active in ski club, power tech club and German club.

Her hobbies include reading, traveling, roller skating and skiing.

In addition to comntinuing to upgrade and improve her dairy dairy goat herd, she plans to take various agricultural and computer courses at Penn State.

Penns Valley

SCOTT BACHMAN

Scott A. Bachman serves as vice president of the Penns Valley FFA Chapter and was the chapter's secretary last year.

His projects include beef finishing, swine finishing, field corn and home garden.

Among his many committee assignments have been the state Occupational Experience Evaluation, honorary members, awards board, official degree pins, state officer visitation and invitation night.

He has won proficiency awards in chapter leadership, beef and swine finishing.

He is the son of Mr and Mrs. Larry Bachman, of Star Route, Rebersburg.

Wrestling has been his primary sport activity in high school and hunting is his hobby.

After graduation, he will move fulltime into livestock farming.

TERRY CORL

Terry Lynn Corl, of the Penns Valley FFA, has had projects in beef and swine finishing, along with dairy cows and heifers.

Among his awards have been poroficiency in livestock, swine and beef production and the special Gary Homan Swine Production Award.

The son of Mr. and Mrs. Neal I. Corl, Star Route, Rebersburg, he has served on committees dealing with the livestock ring, State Occupational Experience Evaluation, National Convention and National FFA Week

He has served as chapter sentinel.

While he has also taken part in wrestling and football in high school, his hobbies include hunting and riding three-wheeler and snowmobile.

After graduation, he plans to become a full-time dairy farmer.

TIMOTHY SMELTZER

The many and varied projects of Timothy Smeltzer in the Penns Valley FFA Chapter have included corn, hay, swine breeding and finishing, dairy cow and heifer, beef growing, sweet corn and supervised occupational experience.

He has served as chairman of the SOE Committee. Among his awards have been a silver in the state records keeping contest and proficiency honors in crop production and placement in ag production.

Son of Tom and Doris Smeltzer, R2 Centre Hall, he works on a dairy farm and is a member of the Grange

He hopes to own his own dairy farm some day

Chester

Octorara

MARY AMBLER

The 1983 Chester County Dairy Princess, Mary Denise Ambler has condicted projects in dairy cows and heifers and sheep as a member of the Octorara FFA Chapter.

Chapter student advisor this year, she has also served as reporter.

Among her top awards have been Star Greenhand honors, active member award, top sales award, academic award, dairy production award and recognition as the outstanding FFA dairy student.

The daughter of Robert H. and Nancy T. Ambler, R1 Cochranville, she has also been active in the National Honor Society, junior member of both the Pa. Ayrshire Association and the Hampshire Association and a member of the Cochranville Ladies Auxiliary.

Among her hobbies are showing her dairy and sheep project animals and raising New Zealand white rabbits.

She plans to work for a year following graduation and then attend college taking a pre-vet major.

KENNETH GRIEST

Kenneth W. Griest Jr., of the Octorara Chapter, fills both of the offices of treasurer on the chapter and county elvels.

His projects in the chapter include sweet corn, tomatoes and potatoes. He has served on the recreation, door prize and Food for America committees.

Among his awards have been freshman scholarship, sophomore academic achievement and fruit production awards. He has been a member of the FFA State Band for four years.

The son of Mr. and Mrs. Kenneth Griest, R3 Coatesville, he also has been active in high school band,

(Turn to Page D34)

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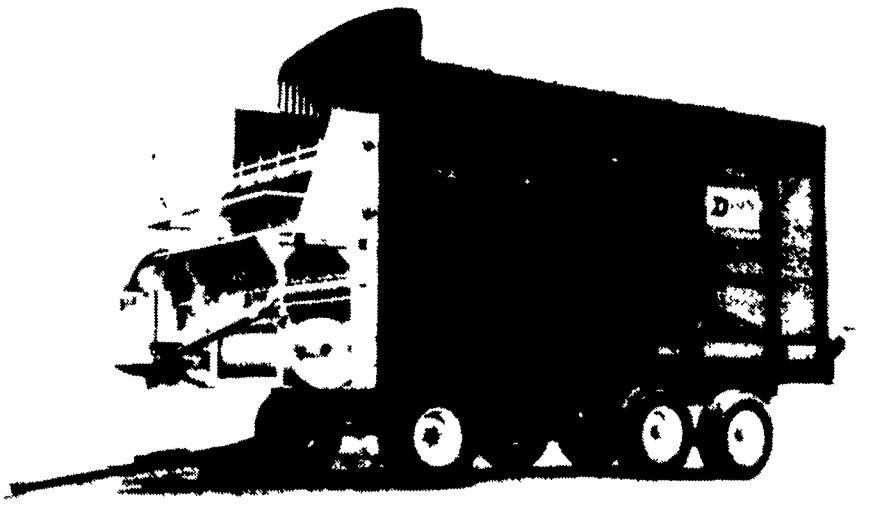

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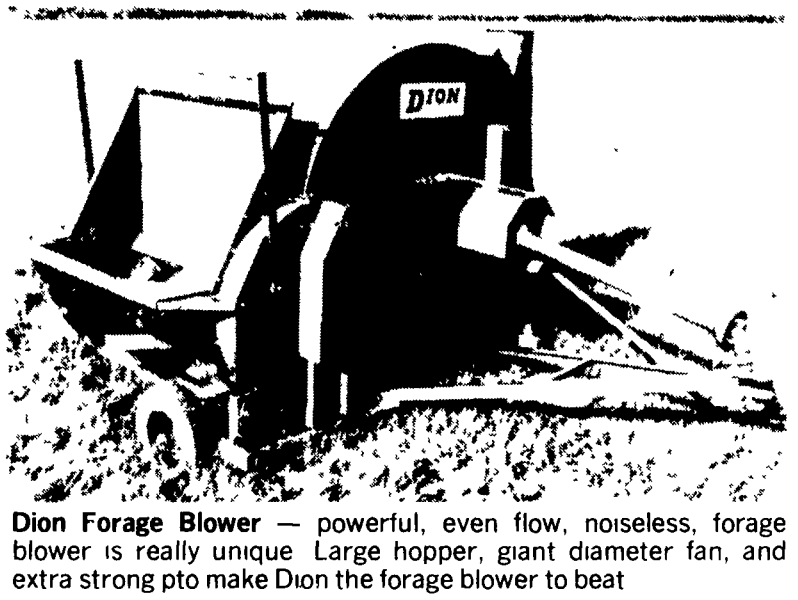

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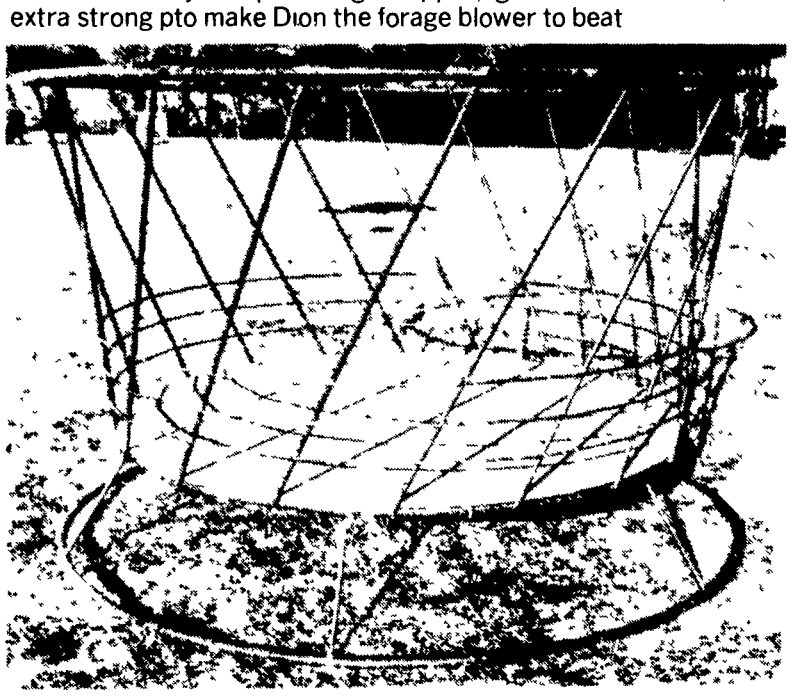

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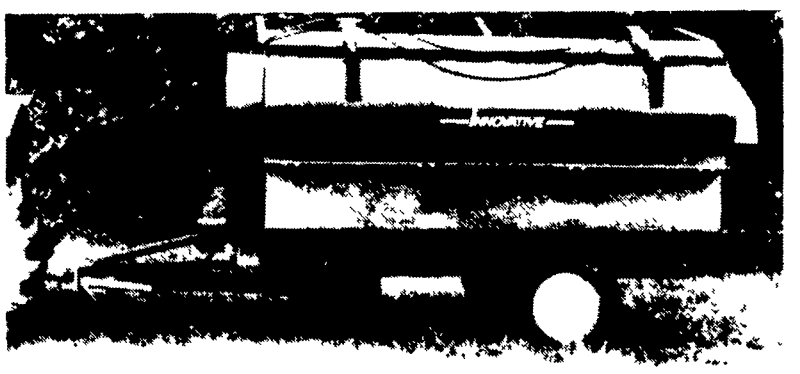

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FFA

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FFA

(Continued from Page D32)

baseball, tractor 4-H and his church.

His hobbies include hunting, fishing, riding motorcycle, butchering and playing hockey.

He is considering college training to work in conservation.

DOUGLAS LAPP

Douglas Lapp is vice president of the Octorara FFA and earlier served the chapter as chaplain.

His projects have included raising corn for two years and Supervised Occupational Experience for one year.

His committee posts range from recreation to Food for America.

The son of Mr. and Mrs. Melvin Lapp, of R1 Cochranville, he has also been active in high school in baseball and wrestling and in the community in his church and fire company.

Hunting and snowmobiling are his main hobbies.

After graduation he plans to farm fulltime.

ROBERT MENDENHALL

Robert Leee Mendenhall Jr. has conducted swine projects for three years and a beef project for one year in the Octorara FFA.

Among the chapter posts he has filled is sentinel.

His top awards have been achieved in swine production over two years. He has been a member of the State FFA Band for four years.

Among committee assignments have been Food for America, banquet and door prizes.

Son of Mr. and Mrs. Robert L. Mendenhall, R2 Gap, he has been active in high school band, soccer, the National Honor Society and his church.

Hobbies include hunting, fishing and ice hockey.

He is considering further training in diesel mechanics.

Owen J. Roberts

DAVID MARCH

David C. March, of the Owen J. Roberts FFA, serves both as chapter president and president of the Chester County FFA.

Previously, he served as chapter treasurer and reporter.

A delegate to the national convention, he has been high citrus salesman for three years, Star Greenhand, and has won a dairy production medal.

His projects have ranged from Jersey heifers and cows to growing field corn. He has also had an SOE working on a dairy farm.

A member of numerous chapter committees, including PR, recreation, citrus, banquet and BOAC, he has participated for three years on the dairy judging team, parliamentary procedure for two years and in many local, area, district and state dairy shows.

The son of William and Sherri March, R1 Glenmoore, he is a member of the Ludwigs Corner Fire Company.

His hobbies include showing dairy cattle, hunting, fishing and snowmobiling.

He plans to attend Williamsport Area Community College for a one-year course in dairy herd management. Then, he hopes to work on a dairy farm to gain experience and strive for his own operation.

Oxford

DENISE DELANEY

Denise Delaney, of the Oxford FFA, is president of her chapter, as well as county vice president.

She placed second in the Interview Contest and won a trip to the national convention in 1982. She has been high citrus salesperson for three years.

In the Quiz Contest at County Leadership Training she placed third as a Greenhand and first as a Chapter Farmer.

She has served on the recreation committee for two years and the public relations committee for one year. She now serves as chairman of the fund raising committee.

Among her hobbies are swimming and bike riding.

She plans to continue work at the Dollar General Store as a clerk and at the dentistry practice of Dr. Joseph McCormick. She plans to attend college part-time and major in Accounting.

Cumberland

Cumberland Valley

MIKE BRYMESSER

Dairying and cropping are the twin projects of Mike Brymesser,

(Turn to Page D35)

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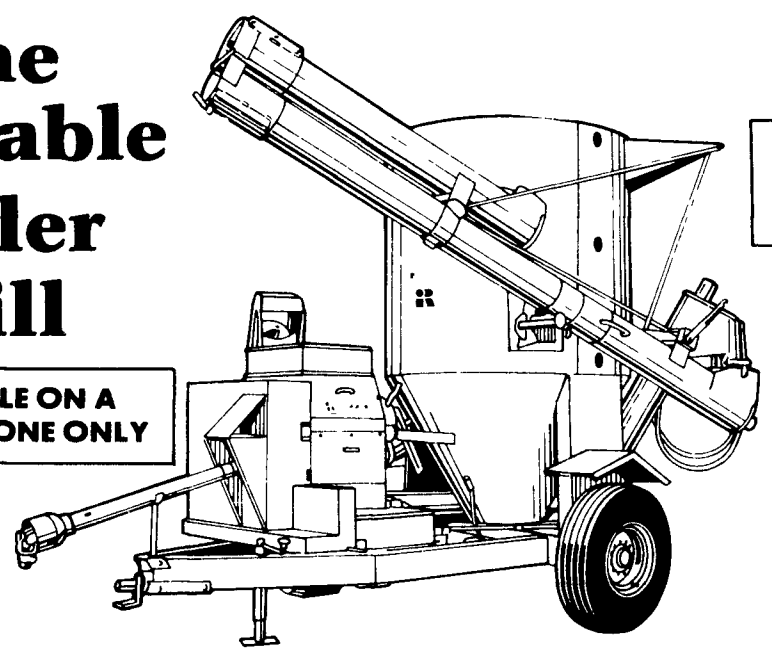

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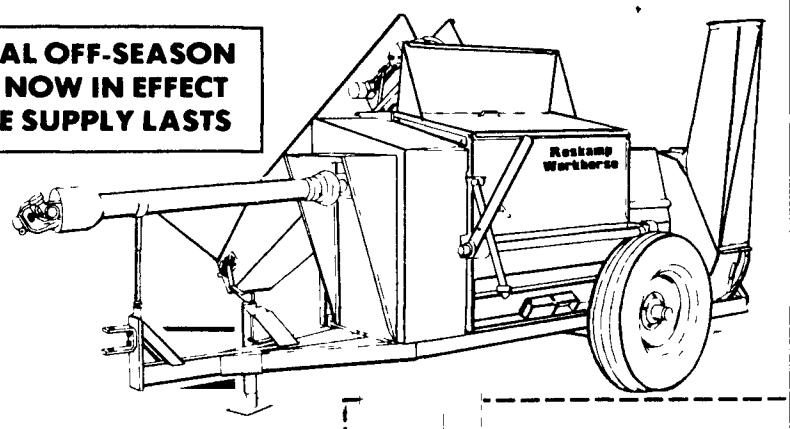

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550	4'0"	6'0"	7	751	274.00
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1,000	4'0"	10'8"	7	1,129	406.00
1,000	5'4"	6'0"	7	1,028	378.00
1,500	5'4"	9'0"	7	1,388	509.00
2,000	5'4"	12'0"	7	1,735	620.00
3,000	5'4"	17'11"	7	2,432	837.00
4,000	5'4"	23'10"	7	3,130	1055.00
5,000	8'0"	13'7"	1/4"	4,484	1821.00
6,000	8'0"	16'0"	1/4"	5,588	1926.00
8,000	8'0"	21'4"	1/4"	6,981	2414.00
10,000	8'0"	26'8"	1/4"	8,375	2847.00
10,000	10'0"	17'0"	1/4"	7,829	2610.00
12,000	8'0"	32'0"	1/4"	9,768	3310.00
12,000	10'0"	20'6"	1/4"	8,946	2969.00
12,000	10'6"	18'7"	1/4"	7,900	2978.00
15,000	8'0"	40'0"	5/16"	14,823	5003.00
15,000	10'6"	23'2"	5/16"	11,857	4575.00
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1,000	5'4"	6'	7	827	75 to 100
1,500	5'4"	9'0"	7	1,388	75 to 175
2,000	5'4"	12'0"	7	1,735	100 to 200
3,000	5'4"	17'11"	7	2,432	150 to 300
4,000	5'4"	23'10"	7	3,130	250 to 500
6,000	8'0"	16'2"	1/4"	5,123	500 to 660
8,000	8'0"	21'6"	1/4"	6,475	700 to 880
10,000	8'0"	26'8"	1/4"	8,375	1100

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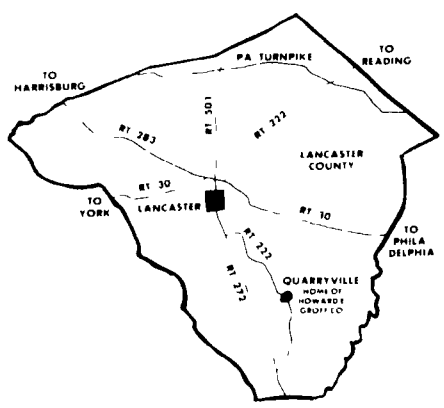

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Pa's Keystone Farmers

(Continued from Page D34)

of the Cumberland Valley FFA Chapter.

These projects have included dairy calf, heifer and cow and the growing of four acres of corn.

In his chapter, he has held the offices of junior treasurer, junior president, reporter and sentinel.

Among his achievements have been his selection as Star Greenhand.

He is the son of Sheldon and Mary Ann Brymesser, of Boiling Springs.

His hobbies include sports, hunting and fishing and his future activities will continue to be concentrated on farming.

DAVID FUREMAN

David Fureman, of the Cumberland Valley FFA, has held the offices of both chaplain and vice president of his chapter.

The son of Delbert and Erma Fureman, Mechanicsburg, he has conducted farming projects with two dairy cows.

Among his extracurricular activities have been wrestling and football. His hobbies include hunting and sports.

Concerning the future, he plans to take a one or two-year college course in agribusiness or dairy management and then manage a dairy operation.

CHRIS HOPPLE

Livestock projects, both swine and beef breeding and finishing, have been the main farming activities of Chris Hopple in the Cumberland Valley FFA.

The secretary of his chapter, he has been the recipient of Star Greenhand honors. He has exhibited the champion market hog and the reserve champion market steer at the FFA show and sale at the Shippensburg Fair.

Among his committee assignments are picnic, trip, fruit, banquet, calendar and FFA Week.

Other activities include field hockey. 4-H Baby Beef Club and the Central Penn Swine Club.

He is the son of Terry L. and Peggy N. Hopple. His future plans are directed at raising hogs and beef cattle.

JEFFREY SHUGART

President of the Cumberland Valley FFA Chapter this year is Jeffrey W. Shugart.

He also holds the office of Area FFA treasurer.

His farming program centers on

(Turn to Page D36)

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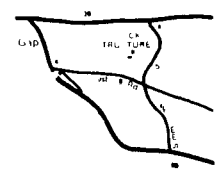

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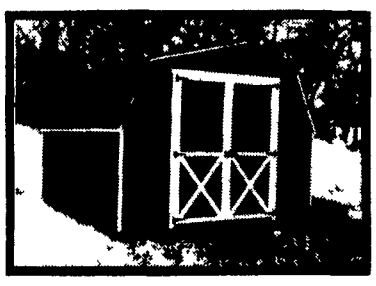

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Pa. FFA grants state degrees

(Continued from Page D35)

dairy herd and field corn projects.

A Star Greenhand of his chapter, he has also received the Area Production Credit Award for his project book.

He is the son of Nevin C. and Donna K. Shugart, of Mechanicsburg.

His committee posts have included executive, citrus and FFA Week. He has also participated in small engines competition.

Hunting, fishing and sports are his hobbies. After graduation, he plans to continue working on the family farm.

Dauphin

Lower Dauphin

CINDY BAKER

Cindy Baker serves as president of the Lower Dauphin FFA Chapter and is vice president of the CDP Area FFA.

Previously, she served as chapter secretary and reporter. She's a Star Greenhand at Lower Dauphin and was chairman of the top Parliamentary Procedure Team in the state.

Her projects range from beef and market lambs to turkeys, layers and broilers.

Active also in 4-H, she is the Dauphin County 4-H Teen Council President and president of the Lower Dauphin 4-H Baby Beef Club.

The daughter of Mr. and Mrs. Virgil A. Baker, R2 Elizabethtown, she lists showing baby beef and market lambs as her chief hobby.

She plans to attend college and major in animal science to prepare for her own beef operation.

TIM BENNETT

The offices held by Tim Bennett in the Lower Dauphin FFA have included assistant historian and student advisor for the past two years.

Chairman of the recreation committee, he has also served on the public relations, alumni relations, SOE, Conduct of Meetings, leadership, cooperation and community service groups.

His farming projects in the Lower Dauphin FFA have included breeding gilts, feeder steers and poultry.

The son of Donald and Jacquiline Bennett Sr., he is also active in church and its youth group, dog

training, football, track and wrestling.

Since racing is his hobby, he also works on a pit crew for a racer.

In the future he hopes to have his own hog operation.

ED HUNTZBERGER

Among the top awards won by Ed Huntzberger of the Lower Dauphin FFA have been Chapter Star Greenhand and Dauphin County Star Farmer.

Other top awards include the Chapter Swine Proficiency Award and the Dauphin County Swine Proficiency Award.

In addition to swine finishing, his projects include veal calf, dairy cow and heifer.

Among committee assignments have been Earning, Savings and Investment, public relations, scholarship, SOE and recreation.

Future Farmers of America

Son of Sherwood and Marion Huntzberger, R5 Elizabethtown, he is also active in his church and as a member of the Dauphin County 4-H Dairy and Swine Clubs.

He enjoys showing cattle, riding horses, cycles and snowmobile, as well as football and baseball.

He plans to seek employment on a dairy farm and work toward his own operation.

DEAN ZEAGER

Dean Zeager is vice president of the Lower Dauphin FFA and previously served the chapter as assistant secretary.

He has received a gold medal for his project book in state competition and attended both the Washington Leadership Conference and the National Convention.

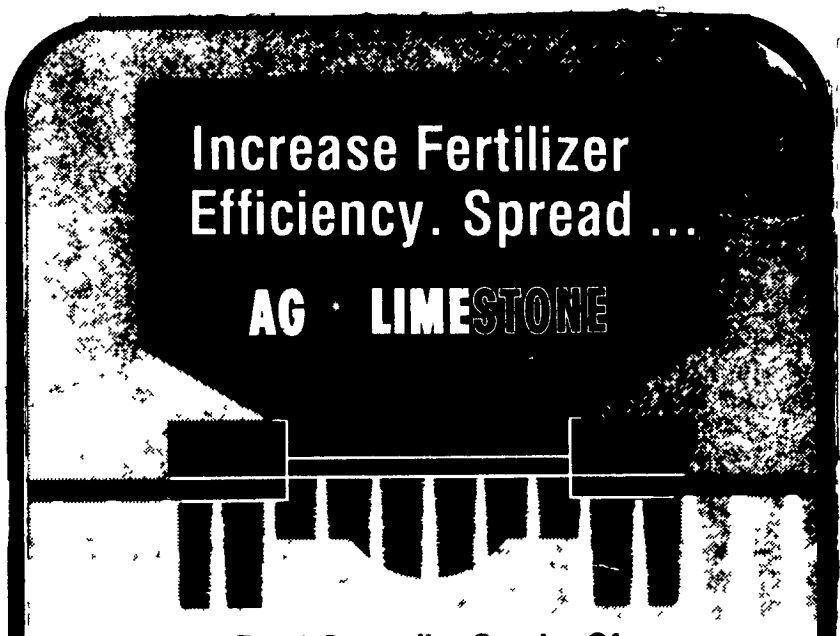
His project centers on hogs and he has shown entries at last year's Farm Show and placed first in his class, as well as reserve middle weight champion. He judged dairy, beef and hogs at the Gratz Fair and also showed hogs at the Elizabethtown Fair and the Dauphin Roundup.

His committee posts include community service and cooperation.

The son of John and Rachel Zeager, of Middletown, he plans to continue working in the family business.,

Besides showing hogs, he likes softball, hunting, football, roller skating, hockey, cars and trucks.

(Turn to Page D38)



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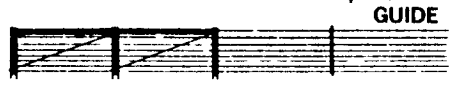

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Blue and Gold in spotlight

(Continued from Page D36)

Upper Dauphin

JOSEPH BUSH

Among the awards won by Joseph Lynn Bush, of the Upper Dauphin FFA, have been the chapter's Agribusiness Award and the Ag Mechanics Award.

He has served as chaplain of his chapter and participated in poultry and dairy judging at the Gratz Fair.

His farming projects include dairy calf and sweet corn. Committees on which he has served include greased pig chase, awards and banquet.

He is the son of Mr. and Mrs. Clair H. Bush, of R1 Lykens.

In other activities, he has been involved with Dauphin County 4-H and served as a Student Council representative at Upper Dauphin Area High School.

Hunting and trapping are his main hobbies. He plans to go into a dairy farming partnership with his father.

MICHAEL ERDMAN

The projects of Michael E. Erdman in the Upper Dauphin FFA have included four projects in swine finishing totaling 25 head, two beef finishing animals and three beef breeding heifers.

Chaplain of the chapter, he has won the Upper Dauphin Beef Finishing Award and took first, second and fourth placings at the FFA Summer Hog Show.

His committee posts ranged from the greased pig chase to the rifle shoot and banquet.

He is the son of Mr. and Mrs. Ronald D. Erdman, R1 Millersburg.

While hunting, fishing and motorcycling are his hobbies, he plans to train as a welder.

MICHAEL HARRIS

Michael Harris has participated in home gardening projects for three years and work experience for two years as a member of the Upper Dauphin FFA.

In his chapter he has served as reporter and on the refreshment and executive committees.

Extracurricular activities include basketball club, computer club, president and treasurer of Youth Fellowship, Student Council, assistant secretary at his church and member of the Pine Creek softball team.

His hobbies are hunting, softball and basketball.

The son of Mr. and Mrs. Kenneth Harris, Star Route, Spring Glen, he plans to become a police officer.

RONALD SCHULTZ

Vice president of the Upper Dauphin FFA Chapter is Ronald P. Schultz Jr.

A Chapter Star Greenhand, he has placed second in Gratz Fair poultry judging, third in the county creed contest, first in Dauphin County land judging and won a silver medal for land judging in state competition.

His projects have included swine finishing and field corn. He has also participated in work experience for two years. Committee assignments include refreshments, awards, greased pig chase, rifle shoot and executive.

He is the son of Mr. and Mrs. Ronald P. Schultz Sr., R1 Elizabethtown.

Among his hobbies are snowmobiling, motorcycling, hunting and fishing.

He plans to follow a career in truck driving.

Franklin

Concocheague

KEITH BRICKER

During his FFA career in the Conococheague Chapter at James Buchanan High School, Keith R. Bricker served as president of his chapter and vice president of the county chapter during his senior year and as chapter treasurer and county chaplain during his junior year.

As a junior he had the best Holstein project in Franklin County and as a senior earned Star Chapter Farmer honors and a silver medal in agronomy.

His FFA projects included dairy

production, swine finishing and field crops.

He is the son of Raymond and Mabel Bricker, of Chambersburg.

He is a member of Criders U.B. Church and enjoys trapping as a hobby.

He is working for the Franklin County Crop Improvement Association and a local dairy farmer. He is working toward his own dairy operation in the future.

(Turn to Page D39)

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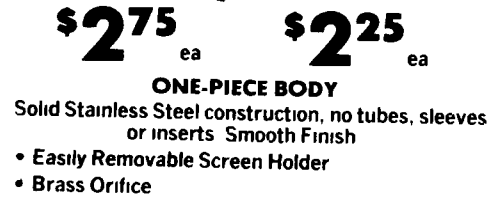

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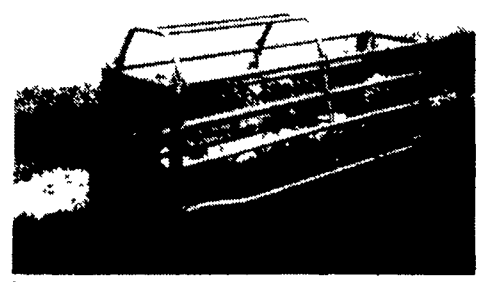

Crate constructed of 1 1/4" OD pipe, 1/8" thick wall, European-style, adjustable bottom rail.
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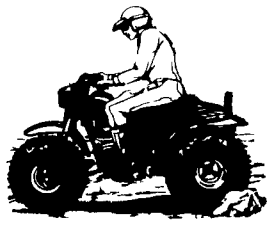

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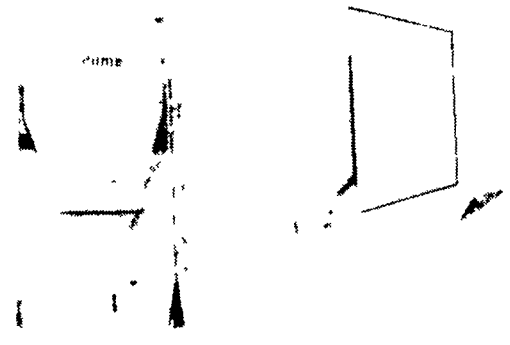

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Pa's Keystone Farmers

(Continued from Page D38)

RUDY CARBAUGH

Rudy A. Carbaugh, of the Conococheague FFA, has held the offices of chapter chaplain and both county secretary and treasurer.

Among his awards is proficiency in ag mechanics. He enjoys working with small gasoline engines as a hobby.

His farming program at James Buchanan High School includes projects in beef growing and finishing, dairy calves, poultry meats, swine breeding and finishing.

On committees he has served as chairman of both the citrus sales and banquet groups.

He is the son of Tommie and Shelby Carbaugh, of Mercersburg.

Following graduation, he plans to begin his educational training toward becoming a veterinarian.

RODNEY HAWBAKER

President of both the Conococheague Chapter and the Franklin County FFA is Rodney Hawbaker.

His projects feature a dairy herd which he has built up to five head from his first cow as a freshman. He also has two breeding sows and has grown sweet potatoes, corn

and wheat for projects.

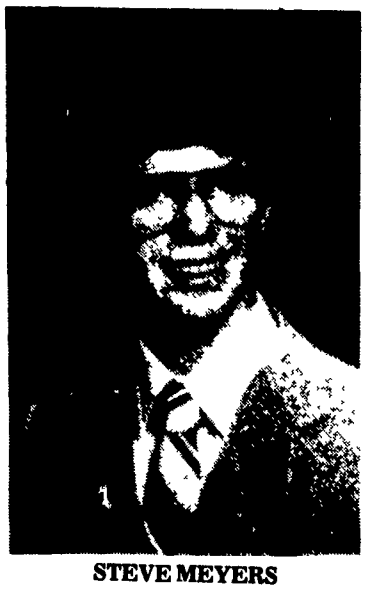
He has served on the citrus and exhibit committees.

His proficiency awards have come in vegetable production and diversified livestock. He has taken a first placing in the livestock judging contest, horse judging contest and safe tractor driving contest.

He is the son of Harmon and Joyce Hawbaker, of Chambersburg.

As hobbies he enjoys three-wheeling and riding horses.

In the future he will farm with his father.



STEVE MEYERS

The main project of Steve Meyers, of the Conococheague Chapter, centers on his 15 Registered Holsteins and his Registered Jersey. He has also grown corn and wheat.

He has taken many top placings with his animals, including the best animal owned and bred by a junior exhibitor at the Franklin County Holstein Show.

He has served as both chapter reporter and treasurer and has received county Star Farmer honors.

He is a three-year member of the citrus committee.

In other activities, he belongs to the Student Organization, Western Dairy Club and the Junior Holstein and Jersey Cattle Clubs.

Besides showing cattle, he likes to three-wheel and take photos..

The son of J. Robert Meyers Jr., St. Thomas, he plans to major in dairy husbandry in college and then become a professional cattle showman or a dairy herd manager.

(Turn to Page E3)

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JANUARY 8, 1984

AL RAYMOND'S Salute to... BIG BAND AND TODAYS MUSIC!

.....and featuring the INK SPOTS

.....WITH SPECIAL GUEST Miss Pennsylvania JENNIFER LYNN ESHELMAN

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John Parisi
Bloomsberry, New Jersey

Planted: May 11 1983 in 30 inch rows
Soil Type Clay loam
Fertilizer: 160-100-100 Actual plowdown 12 gal ions 3-18-18 starter
Weed Control: 1 5 lbs Atrazine 1 lb Bladex and 1 lb Lasso
Previous Crop: Corn
Harvested: October 19 1983 with a 1460 IHC Axial Flow

Brand	Variety	Plants Per Acre	% Lodging	% Mois.	Bu./Acre At 15.5%
Jacques	JX151	19 040	5 5	19 2	97 4
Jacques	EXP 5100	19 510	4 2	19 0	118 9
Agway	614X	17 480	9 0	23 2	113 9
Agway	310X	17 980	4 4	19 3	98 6
Pioneer	3747	20 100	2 6	22 8	93 9
Jacques	JX167	18 780	2 8	22 0	129 4
Jacques	JX177	18 510	2 8	19 0	116 9
Jacques	7700	18 250	1 4	19 0	141 3
Funks	G-4434	20 100	5 2	26 2	105 9
Jacques	7780	18 780	2 8	25 4	115 2
Jacques	JX180	19 570	5 4	26 9	144 0
Jacques	7900	18 250	1 4	21 3	152 4
Embro	XL-81	19 250	7 2	25 0	118 0
Embro	DK556	17 720	4 4	25 2	99 5
Agway	7044X	18 510	7 1	28 0	99 0
Dekalb Pfizer	EX4740	19 040	5 5	25 6	111 2
Dekalb Pfizer	T1100	18 250	1 4	24 4	121 0
Funks	G 4522	17 980	2 9	26 2	124 0
Funks	6000X	18 510	4 2	25 8	108 7
Pioneer	3535	20 890	3 7	27 0	125 6
Arrowhead	HT650	18 780	5 6	25 6	113 1
Arrowhead	HT660	17 720	4 4	25 2	131 2
Jacques	JX227	17 980	4 4	28 0	113 5
Jacques	8100	15 800	1 6	28 2	129 7
Jacques	8220	16 130	6 5	29 4	119 0
Embro	XL 71	19 570	8 1	26 8	105 7
Agway	845	19 310	2 7	27 4	131 5
Pioneer	3358	20 370	6 4	30 1	120 8
Jacques Northrup King	8400 PX83	19 570	1 3	29 4	120 9
Pioneer	3184	20 890	5 0	31 8	98 9
				35 0	109 0

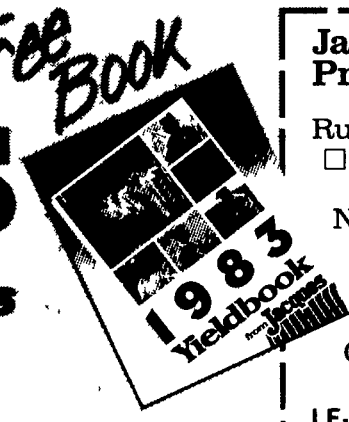
Vernon Stoltzfus
Honeybrook, Pennsylvania

Planted May 6 1983 in 30 inch rows with a 7000 John Deere Maxi Merge
Soil type Sandy loam
Fertilizer 200 lbs 8 24 12 starter
Tillage Conventional
Insecticide 10 lbs Furadan 15G
Weed Control. Bladex and Sutan + preplant incorporated
Previous Crop Alfalfa
Harvested October 5 1983 with a 750 Massey Ferguson

Brand	Variety	Plants Per Acre	% Lodging	% Mois.	Bu./Acre At 15.5%
Jacques	JX167	23 280	1 1	25 2	127 7
Jacques	JX177	22 220	0	23 3	149 0
Jacques	7780	22 750	2 3	32 5	125 8
Jacques	JX179	23 280	0	27 2	135 0
Jacques	JX180	22 750	0	30 6	158 9
Jacques	7900	21 690	0	30 0	143 8
Jacques	JX197	22 480	4 7	26 4	137 1
Jacques	8100	22 480	0	27 8	133 9
Jacques	8220	21 950	3 6	29 2	132 4
Deebler	72X	23 010	2 2	36 0	113 8
Deebler	70X	23 540	1 1	37 0	102 5
Pioneer	3358	23 800	1 1	31 8	123 0
Pioneer	3320	24 070	1 0	35 0	104 0
Jacques	JX247	20 890	2 5	29 4	107 6
Jacques	8400	22 480	2 3	29 0	116 0
Deebler	68X	23 010	1 1	36 0	88 7
Pioneer	3184	23 800	3 3	32 6	126 5

Jacques

...Just say Jakes



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New York
Francis Garrison, Dealer, Left

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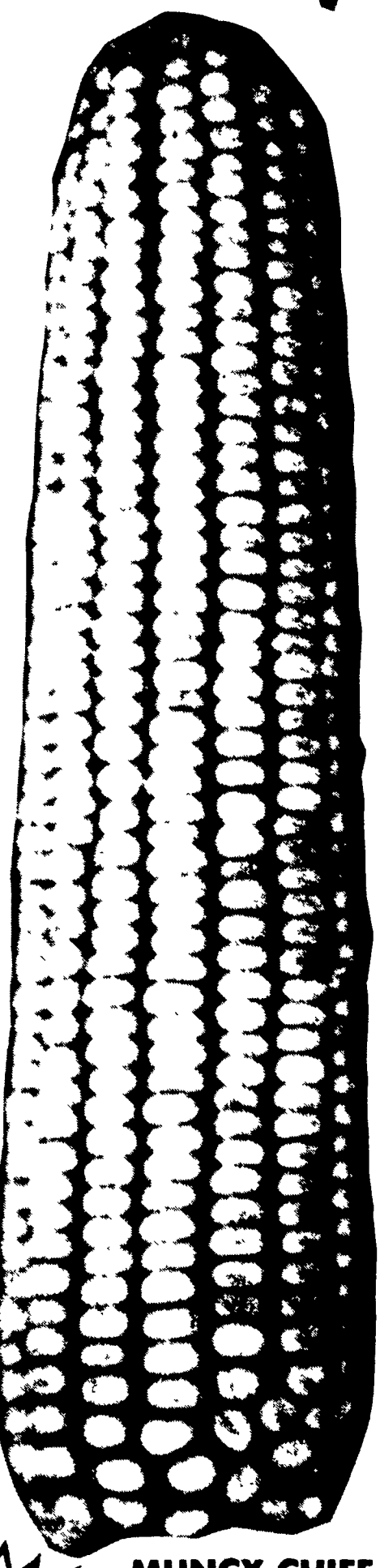

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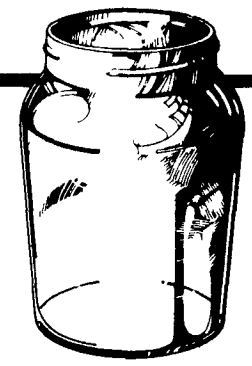

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Additional FFA'ers slated to get Keystone

(Continued from Page D39)

Franklin

Conococheague

JEFFREY MYERS

Jeffrey Myers has held both the secretary and treasurer offices in the Conococheague Chapter at James Buchanan High School.

Also, he has been a member of the parliamentary procedure team for three years.

Among his projects have been dairy cow and calf, swine finishing and he has served as banquet committee chairman.

He is the son of Kenneth and Martha Myers, St. Thomas.

Extracurricular activities included show choir and chorus.

In addition to fixing small gas engines, he enjoys roller skating.

He plans to continue working on the family farm.

CARL OCKER

Carl Levi Ocker's projects in the Conococheague FFA Chapter included beef and swine finishing in 1981, a sow in 1982 and two dairy cows, three hogs and 10 acres of corn this past year.

He has had work experience for three years and production book activities for three years.

He is the son of Harvey and Lois Ocker, of Williamson.

His main hobby is riding a three-wheeler.

He plans to keep working on the farm or in some ag-related post to strive for his own operation.

Shippensburg

JOHN BYERS

John Samuel Byers is the president of the Shippensburg FFA and has held other chapter offices of junior student advisor, sentinel and reporter.

He is also the area FFA reporter this year.

His projects have included work experience, Holstein dairy heifer and a steer, wildlife conservation, home garden and poultry.

His committee posts include wildlife, public relations, program of work and Farm-City Week.

He has been on the chapter's parliamentary procedure team and won a dairy judging trophy.

He is the son of Kenneth and Nancy Byers, of Shippensburg.

He is also active in Boy Scouts and in church and Bible Study Group.

Hobbies include hunting, backpacking, muzzle loader shooting, camping, fishing, sports and reading.

He plans to enter ROTC at Shippensburg University or the Regular Army and then pursue an ag job after the military.

WAYNE CRAIG

Wayne F. Craig III, of the Shippensburg FFA, has had various livestock projects, including cows, calves, heifers and bull, as well as goats.

He was the chapter's Star Greenhand.

He served on the recreation and banquet committees and as chairman of the Chain Swine Committee.

His hobbies include hunting, fishing and trapping.

The son of Mr. and Mrs. Wayne F. Craig Jr., he plans to go into the family's livestock business.

STEVEN HELM

Steven L. Helm has had a primary project of swine production in the Shippensburg FFA Chapter.

He has served as reporter of the chapter and has received awards in swine production.

His committee assignments include the livestock, dairy and recreation groups.

He is the son of Charles and Kathleen Helm, of R4 Shippensburg.

Extracurriculatr activities include the Fish and Game Club and the Pennsylvania Trappers Association. His hobbies center on hunting, fishing and trapping.

He hopes to one day have his own swine or dairy farm.

RODNEY MONN

Rodney Monn, of the Shippensburg FFA, has conducted farming projects in both beef production and poultry.

His committee assignments have included livestock, recreation, banquet and citrus.

He has served as chapter treasurer and has won the beef production award for two years.

Other activities in which he has engaged have included the Cumberland County 4-H Club and the Pennsylvania Polled Hereford Association.

He is the son of Roy and Muriel Monn, of R6 Shippensburg.

While bowling and fishing are his main hobbies, he plans to work toward his own beef operation one day.

Fulton

McConnellsburg

KENNETH BRADY

Kenneth Allen Brady has served as both president and sentinel of the McConnellsburg FFA Chapter.

Among his major awards have been the DeKalb Award and others in public speaking and ornamental horticulture.

His main projects have been swine production and a dairy calf.

Committee work have been involved with greenhouse, seed sales, citrus and program of work.

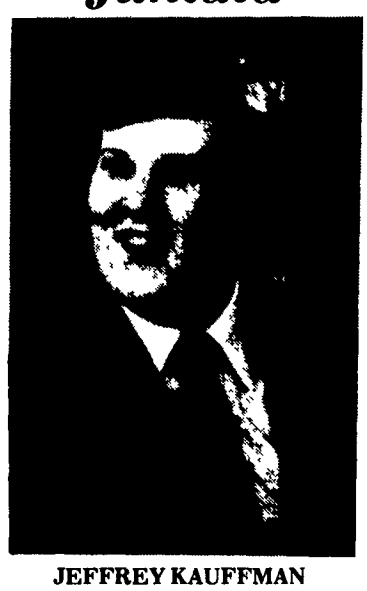
In 1981-82 he was a member of the parliamentary procedure team and attended the Washington Leadership Conference in 1982.

Other activities included the National Honor Society, Student Council, Varsity Club, track and cross country, as well as class president his senior year.

He is the son of M. Lamont and Alma E. Brady, Star Route 1, Big Cove Tannery.

His future plans are directed at teaching vocational agriculture in high school.

Juniata



JEFFREY KAUFFMAN

Jeffrey T. Kauffman has served the Juniata FFA Chapter as president, reporter and chaplain.

Among his major achievements have been the Lloyd E. Guiser Award, dairy proficiency award and a bronze medal for dairy judging at FFA Activities Week in 1982.

His projects cover dairy herd, field corn and swine breeding.

He has served on the National FFA Week Newspaper Article Committee and the groups planning activity night and the awards banquet.

He is the son of Harold K. and Sue Kauffman, R1 Mifflintown.

In other activities he has taken part in the Volleyball Club, the 4-H Swine Club and the Pine Grove United Methodist Church softball team.

Hunting and three-wheeling are his main hobbies.

He plans to attend Williamsport Area Community College to study dairy herd management.

JOSEPH PEOPLES

Joseph Kevin Peoples, the vice president of the Juniata FFA Chapter, has conducted primary farming projects in dairy herd and corn.

He has received the Production Credit Award, a bronze for his project book in state competition in 1981 and a silver for the book in 1982.

Among committee assignments have been those associated with entertainment, the banquet and activity night.

He is the son of William and Anna Mae Peoples, RD Mifflintown.

Hunting and riding a three-wheeler are his hobbies.

He plans to continue working on the family's dairy farm.

(Turn to Page E8)

KEEPING AMERICA ON THE GROW

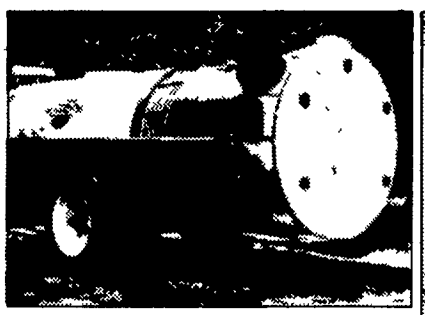
Support Vocational Agriculture & FFA!

HARDI

LOOK INTO THE FUTURE

with the
CROP PROTECTION PROFESSIONALS!

ORCHARD/VINEYARD MISTBLOWERS



VO-155 155 U.S. gal.
3 point hitch

VO-105 105 U.S. gal.
3 point hitch

Designed for today - with tomorrow in mind.

Featuring

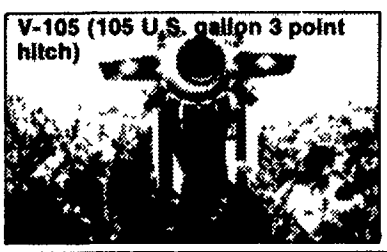
- **UNIQUE TURBO FAN HOUSINGS (VO 105, 155, 210)** with adjustable air deflector spouts to minimize chemical wastage
- **LOW HORSEPOWER REQUIREMENT (25 - 35 HP)** allows you maximum tractor usage at minimum fuel costs
- **LEFT/RIGHT - ON/OFF CONTROL**, prevents chemical waste on the outside of the last row
- **TREND SETTING LOW PROFILE TANKS** have easy access and a 5 year pro-rated tank warranty

Our new VO-400 designed for the larger grower is loaded with unique features like adjustable air vents, electronic controls, mechanical agitation, life long diaphragm pumps and MUCH MUCH MORE

LOOK INTO THE FUTURE

with the
CROP PROTECTION PROFESSIONALS!

"SPECIAL APPLICATION" SPRAYERS



Designed for today with tomorrow in mind.

FEATURING

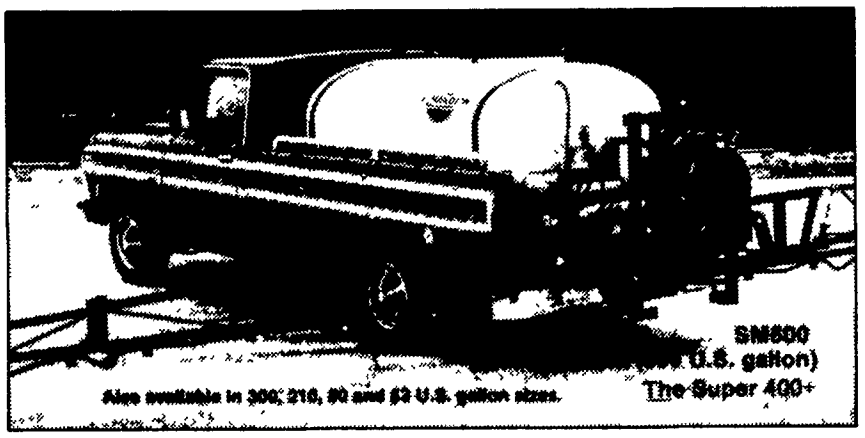
- **UNIQUE TURBO FAN HOUSINGS**, now you can control the chemical spray
- **LOW HORSEPOWER REQUIREMENT** allows you maximum tractor usage at minimum fuel costs
- **HEAVY DUTY LONG LIFE DIAPHRAGM PUMPS** No moving parts in contact with the chemical
- **V-105 Vineyard — VB-105 Vegetable — COMBI 3 or 5 Forestry.**

If you have a "special application", we have a "special sprayer" for you.

LOOK INTO THE FUTURE

with the
CROP PROTECTION PROFESSIONALS!

SKID MOUNT SPRAYERS



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FEATURING

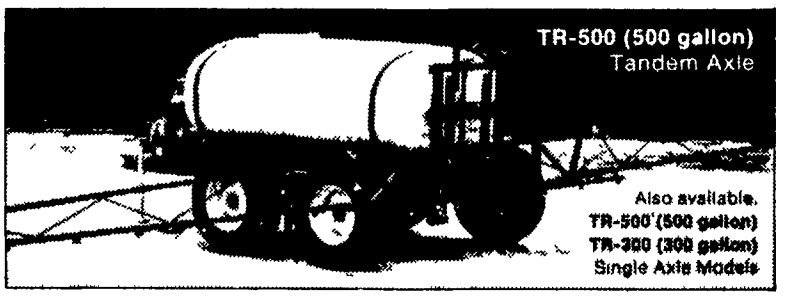
- **UNIQUE SELF LEVELLING BOOMS (33' - 50')** minimize boom bounce and spray pattern distortion
- **CONVENIENT IN-CAB ELECTRIC CONTROLS (SM300 & SM500)**, now you can keep the windows closed and the air conditioning on!
- **EASE OF OPERATION**
- **WORLD RENOWNED BRIGGS & STRATTON GASOLINE ENGINES**, service available nationwide
- **TREND SETTING LOW PROFILE TANKS**, easy access and 5 year pro-rated warranty
- **FAST TRANSPORT FROM FIELD TO FIELD.**

Boom spray or hand gun, put your pick-up to work

LOOK INTO THE FUTURE

with the
CROP PROTECTION PROFESSIONALS!

TRAILER SPRAYERS



Designed for today - with tomorrow in mind.
HARDI Trailer Sprayers
have these combined features that place us far ahead of the competition.

- **WORLD FAMOUS HARDI SELF LEVELLING BOOMS (33' - 50')** minimize boom bounce and spray pattern distortion
- **GROUND COMPACTION REDUCING TANDEM AXLE** with 4-11L x 15 flotation tires (TR500) or single axle with 2-11L x 15 flotation tires (TR500 optional & TR300 standard), keeps damaging ground compaction to a minimum
- **HEAVY DUTY UNDERCARRIAGES.**
- **CENTRIFUGAL-ROLLER OR DIAPHRAGM PUMPS**, regardless of the type of crops you grow we can supply the right type of pump
- **TREND SETTING LOW PROFILE TANKS** have easy access and a built-in sump to ensure complete tank drainage, and a 5 year pro-rated warranty
- "Service Centre" control grouping, triple filtration (with manual controls) and a **CHOICE OF MANUAL OR ELECTRONIC CONTROLS**

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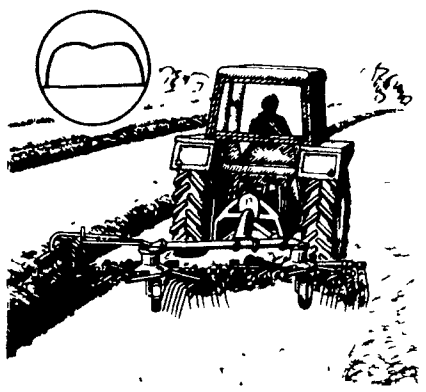
KUHN

FOR YOUR SMALL TRACTOR AN UNBEATABLE COMBINATION FROM KUHN

FA 372 SICKLE BAR MOWER
Available in widths from 5' - 6'
Simple but efficient design
Easily attached to the tractor
Automatic self-levelling bar systems

EL 30 POWER TILLER
Available in widths from 30"- 50"
30 H.P capacity
All gear drive, no chain drive
Double free opération
Minimum maintenance

GENTLE, YET QUICK!



GA 402 GYRORAKE

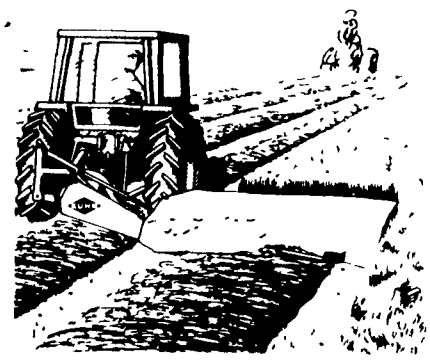
Rakes clean. Handles gently to minimize leaf loss. Rakes without roping. Deposits in light air-entraining windrows for fast curing, earlier baling. 3-pt mount with trailing action. 13 ft. width for single swath. 23 ft. for double swath. Perfect windrows even on tight corners. The greatest advance in hay rakes in years.

SAVES THE CROP!

GF 440 GYROTEDDER

Fluffs and spreads rained-on windrows to allow faster drying. Conditions hay right after mowing by passing it between interlocking tines then deposits in light swath to speed drying. Gentle tine action for minimum leaf loss. 13 ft. working width, folds to 84" for transport. Flexible to reach all the hay on smooth or uneven ground.
Beat the weather - make quality hay faster with a Kuhn Gyrotedder.

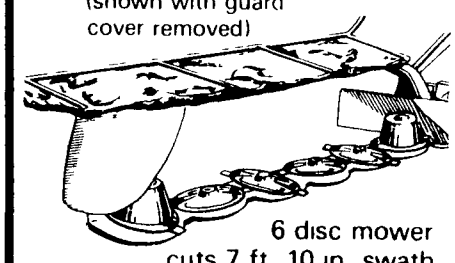
THE NEW, FASTER, MORE TROUBLE-FREE WAY TO MOW-



MULTIDISC MOWER

Operates at fantastic speed. Cuts even the toughest crops-without plugging. Hay f-l-o-w-s thru into a wide fluffy swath for quick drying. Low cost, easily replaceable reversible knives.

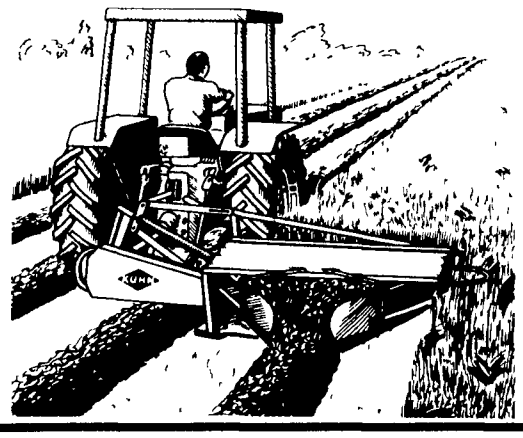
GMD 66
(shown with guard cover removed)

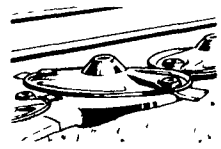


6 disc mower
cuts 7 ft 10 in. swath

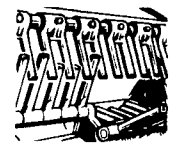
KUHN MOWER CONDITIONERS

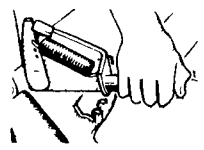
Can cut your harvest time by up to 50% compared with conventional mowing methods. Available in widths of 5ft 3ins, 6ft 6ins and 7ft 10ins.





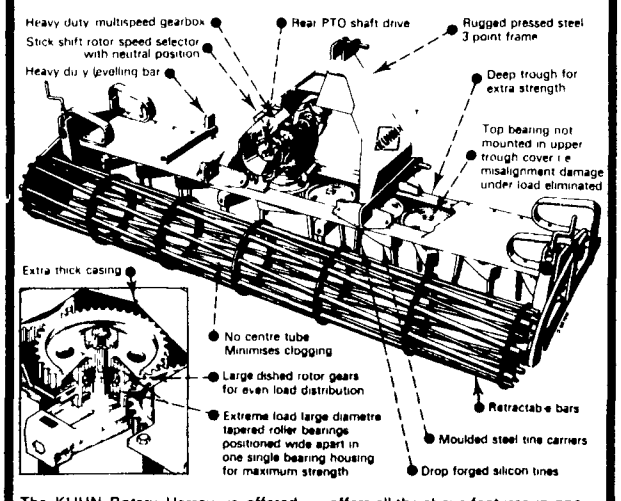
The well proven KUHN disc mower with oval discs ensu res high speed cut ting without plug ging





A variable setting conditioning comb, unique to KUHN, can be set to give various degrees of conditioning Free swinging fingers pick up the crop and pass it through the comb, ensuring a fast drying rate by maximum wax remo val as well as lightly bending and crac king of the stems

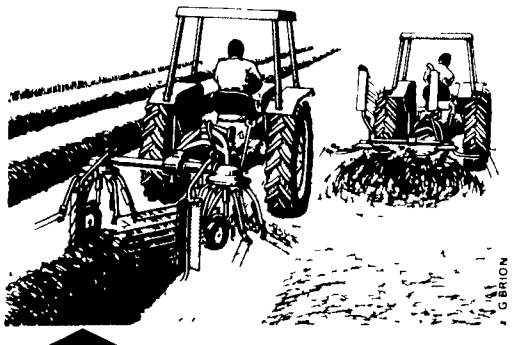
The Power-line of Rotary Harrows from the Specialists


Heavy duty multispeed gearbox
Stick shift rotor speed selector with neutral position
Heavy du y levelling bar
Rear PTO shaft drive
Rugged pressed steel 3 point frame
Deep trough for extra strength
Top bearing not mounted in upper trough cover i e misalignment damage under load eliminated
Extra thick casing
No centre tube Minimises clogging
Large dished rotor gears for even load distribution
Extreme load large diametre tapered roller bearings positioned wide apart in one single bearing housing for maximum strength
Retractab e bars
Moulded steel tine carriers
Drop forged silicon tines

The KUHN Rotary Harrow is offered in various sizes and specifications to suit the size of your operation and pocket The only machine available that offers all the above features in one rugged *reliable* package

Just take the best and leave the rest

TWO MACHINES IN ONE!



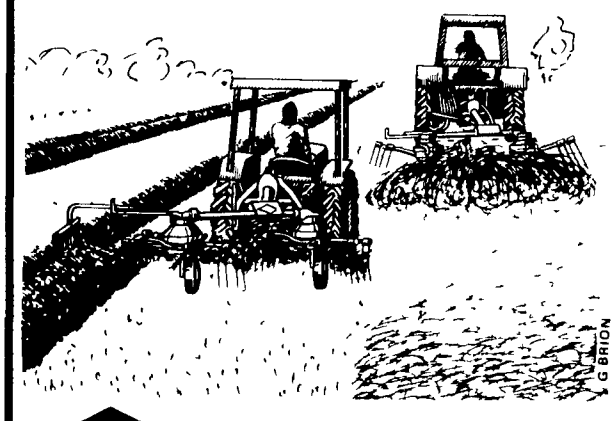
GRS 24 GYROSTAR

RAKING
Shift tine arms to horizontal position and lower rear deflectors for fast raking into a high loose windrow with no roping

TEDDING, CONDITIONING
Set tines in vertical position to pick up and bend stems (to condition) and spread in a wide fluffy swath for faster drying Also spreads rained on windrows to speed drying

Covers 10 ft width Operates at 5 to 7 m p h
Like all Kuhn machines, GYROSTAR is built to perform and built to last

TWO MACHINES IN ONE!



GRS 25 GYROSTAR

Tedding raking A unique machine that handles your hay quickly and with the utmost care Easily changed from one position to the other, the GRS 25 will reduce crop losses caused by bad weather conditions
Working width approx 11'6" 3 point mounted in transport but towed when working

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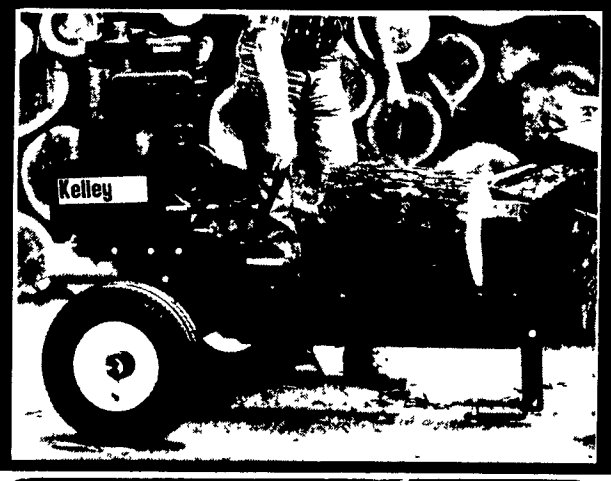
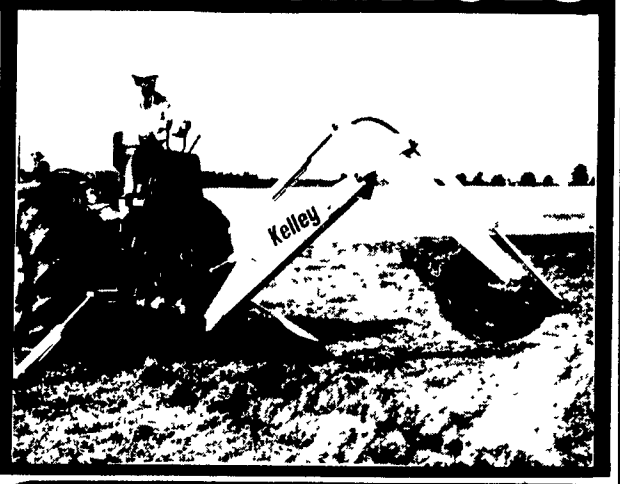
Kelley POWER-PACKED BALE CARRIERS

Kelley LOGSPLITTERS

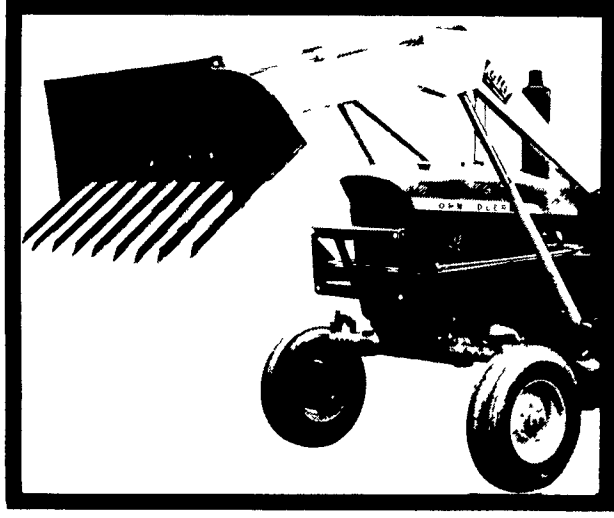
TOUGH • RUGGED • DEPENDABLE



Kelley POWER-PACKED BACKHOES



Kelley POWER-PACKED FARM LOADERS



Kelley LOGSPLITTERS

TOUGH • RUGGED • DEPENDABLE

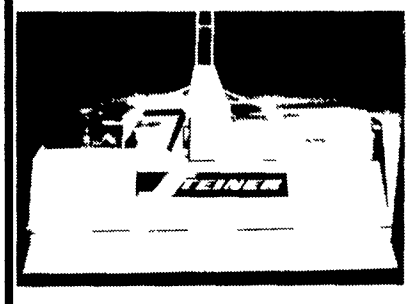
Kelley DANISH TINE CULTIVATORS

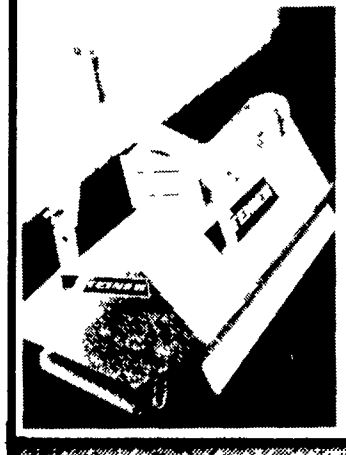
TOUGH • RUGGED • DEPENDABLE

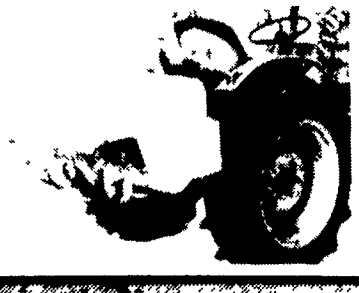
STEINER

S-48, S-60
THE ACTION TILLER

Built For Those Who Need A Little More!





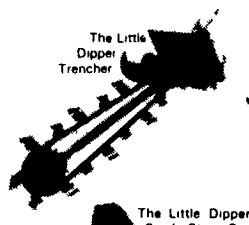


- Features -

- Made of heavy gauge steel Built to withstand years of service
- Heavy chain drive assembly No belts to replace
- Drive mechanism protected by a star type slip clutch on the PTO shaft Protection to tines and drive assembly.
- Drive components are industry standards. Parts are readily available if required
- Requires little maintenance Regular greasing will give you years of trouble free service
- Universal 3 point linkage. Fits many tractor makes and models

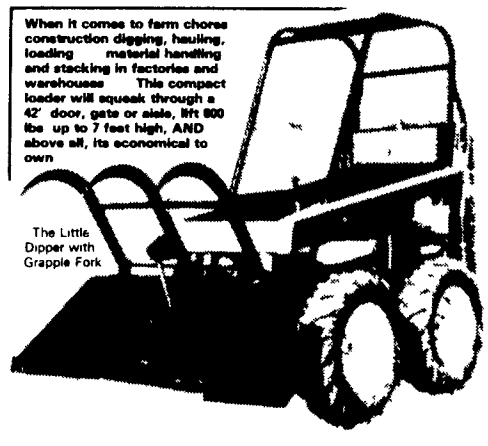
Lahman LITTLE DIPPER

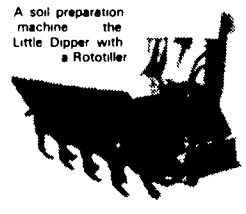
COMPACT HYDROSTATIC LOADER


The Little Dipper Trencher

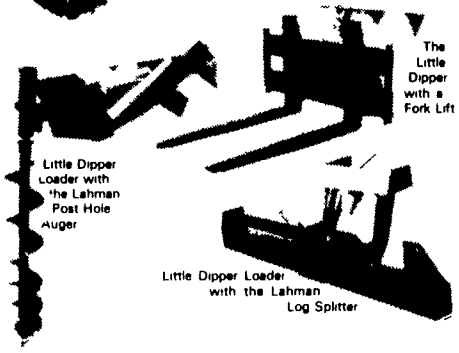
The Little Dipper Single Stage Snow blower

When it comes to farm chores construction digging, hauling, loading material handling and stacking in factories and warehouses This compact loader will squeak through a 42' door, gate or aisle, lift 800 lbs up to 7 feet high, AND above all, its economical to own


The Little Dipper with Grapple Fork


A soil preparation machine the Little Dipper with a Rototiller

The Little Dipper Manure Fork


The Little Dipper with a Fork Lift

Little Dipper Loader with the Lahman Post Hole Auger

The Little Dipper Dirt Bucket

Little Dipper Loader with the Lahman Log Splitter

VISIT OUR DISPLAY AT THE PA. FARM SHOW JAN. 8-14

C.A. McDADE CO., INC.

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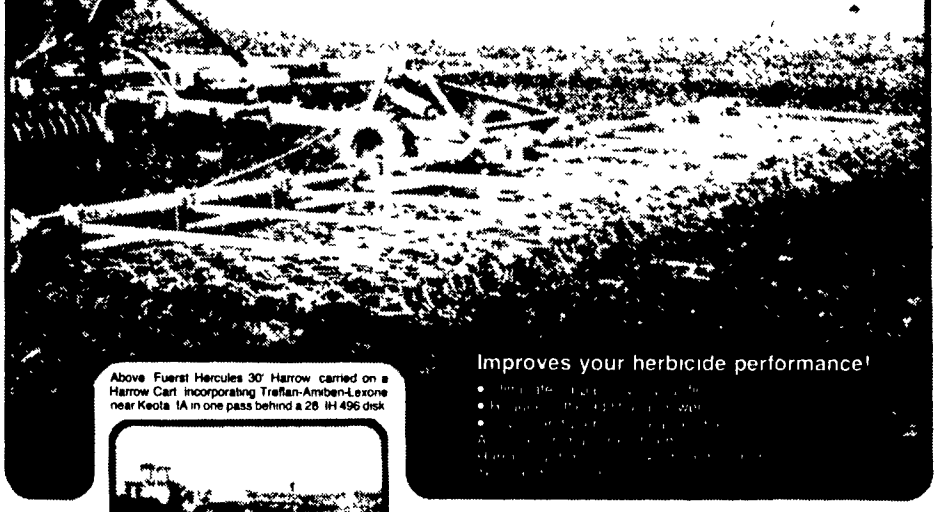
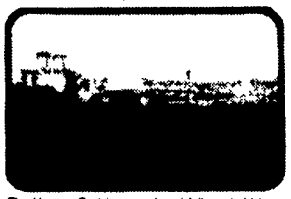
THE FUERST F-L-E-X-I-B-L-E TINE HARROW/CART

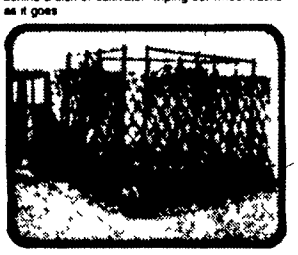


Improves your herbicide performance!

Above Fuerst Hercules 30' Harrow carried on a Harrow Cart incorporating Treflan-Amiben-Lexone near Keota IA in one pass behind a 28 IH 496 disk



The Harrow Cart is rugged and follows tight turns behind a disk or cultivator wiping out wheel tracks as it goes



The folding wings make transportation of the harrow from field to field a simple manner without restricting the harrows effectiveness in the field Can be transported directly behind disk or cultivator

You don't need expensive implements to incorporate herbicides!

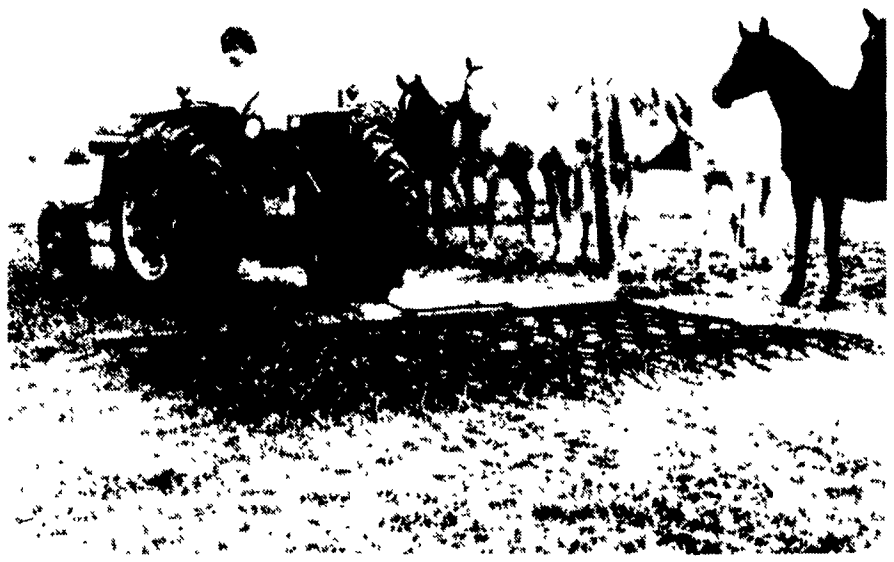
Work done by several chemical companies and universities demonstrates how effective the Fuerst Flexible Tine Harrow is behind cultivators or disks In essence farmers are getting two incorporations in one pass with the bonus of outstanding leveling and an excellent seedbed

ONE PASS INCORPORATION STRATEGY

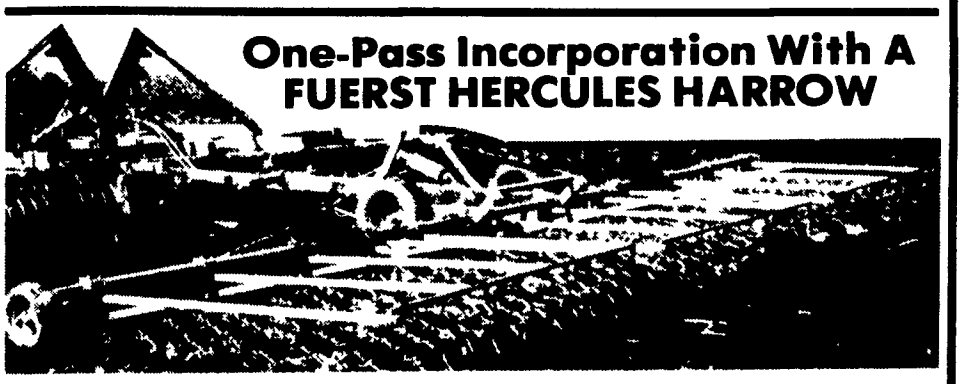
The Fuerst Harrow carried on a Fuerst Harrow Cart retains its flexibility when in use assuring same depth incorporation throughout Behind your cultivator or disk you can expect to get good results of incorporating and leveling even on trashy fields Eleven rows of unique 3½ inch long spreading action® tines are linked together in a blanket like manner With no rigid frame the harrow is able to snake snugly over the contours of the ground The special tines are the key to the success of the Fuerst Hercules Harrow for incorporating and leveling achieving optimum results at 6 to 8 mph

THE FUERST F-L-E-X-I-B-L-E TINE HARROW®

The leader for more than 25 years



One-Pass Incorporation With A FUERST HERCULES HARROW



Your Fuerst Harrow is not only flexible on the ground but it is flexible within a farmer's system. When he takes into consideration single pass management practices, a farmer can pull your Fuerst Harrow behind his present disk or cultivator, and without changing the tools in his system, improve the work he's doing and save a pass over his fields.

ADJA SILVER MARKER

GET TOP MARKS IN YOUR FIELD

ADJA Silver Marker® improves spraying accuracy

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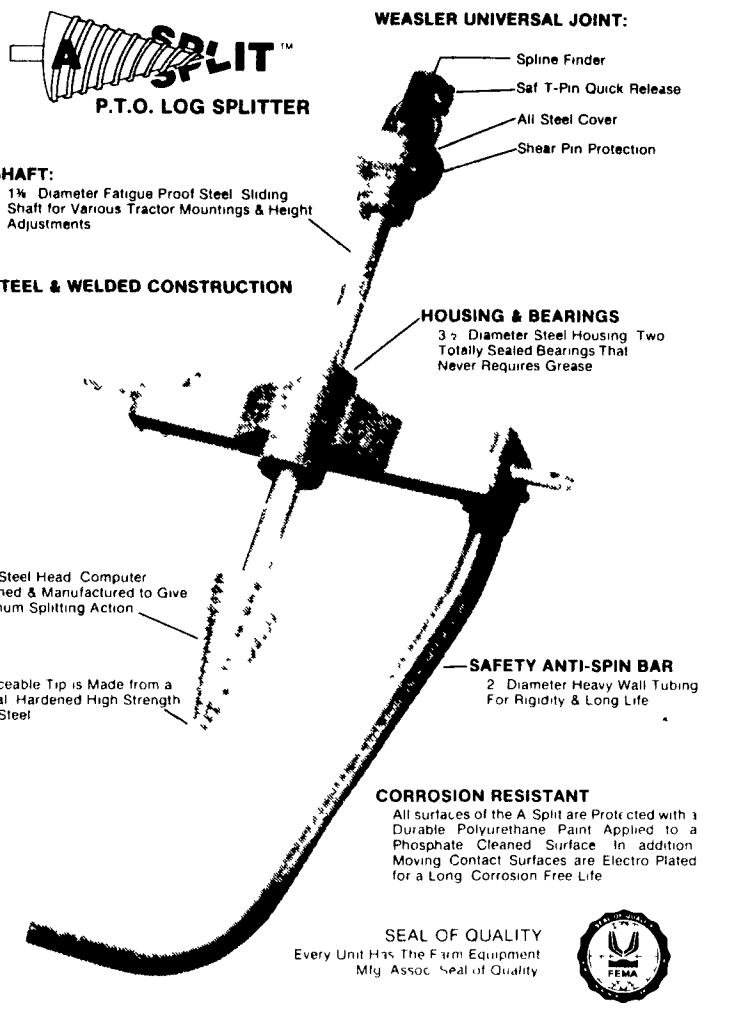
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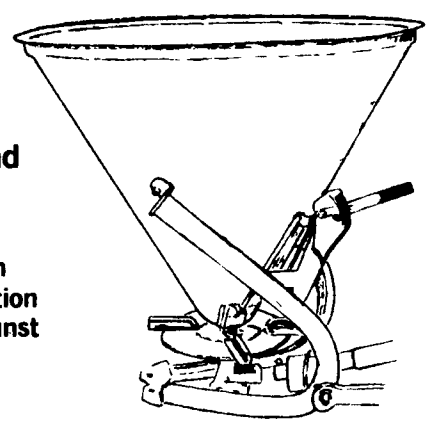

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Keystone ceremonies in Forum on Wednesday

(Continued from Page E3)

Lebanon

N. Lebanon

HEATHER HERNLEY

Heather Lyn Hernley serves as both vice president of the Northern Lebanon FFA Chapter and reporter of the Lebanon County FFA.

Last year, she held the post of chapter secretary.

Among the top awards she has won are Star Greenhand, Star Chapter Farmer and County Chapter Farmer. She has been awarded the South Central Ayrshire FFA Calf and in 1982 was Pennsylvania's Outstanding Ayrshire Girl.

Her main FFA project has been a dairy herd for the past four years.

She has served as greenhouse and fund raising chairman and also was a member of the banquet, farming programs awards and scrapbook committees.

In extracurricular activities she is a member of the senior high band, the Fredericksburg Community and Norlebco Dairy Clubs, the Senior Church Choir and the Luther League.

Among her hobbies are reading and showing her Ayrshire dairy cattle at all levels of competition.

She is the daughter of Delmas and Mary Ann Hernley, R2 Lebanon.

She plans to attend Delaware Valley College and major in dairy husbandry. Then, return to the family farm and be in partnership with her father and brother.

Little Dutchmen

KARL BRANDT

Parliamentarian of the Little Dutchmen FFA Chapter at Annville-Cleona High School, Karl Brandt previously served in the chapter as assistant chaplain and assistant sentinel.

Among his major awards have been a first in Lebanon County land judging and a third-place gold in state land judging.

His projects have included a dairy calf and dairy beef in 1981; dairy heifers, dairy beef, field corn and alfalfa in 1982; and dairy herd, field corn and alfalfa in 1983.

He has served on the field committee for four years and as co-chairman and chairman the past two years.

He is the son of David A. and Jeanette Brandt, R1 Airville.

Hunting is his main hobby. He plans to continue involvement in the family dairy operation and have his own dairy farm one day.

TODD FIES

Todd Fies, of the Little Dutchmen FFA, is president of his chapter and the Lebanon County FFA.

Last year, he held the posts of chapter vice president and county sentinel.

The Star Greenhand of his chapter, he was a member of the parliamentary procedure team for two years and won the chapter scholarship award. He attended the National FFA Leadership Training Conference in Washington.

His major FFA projects have been growing field corn and soybeans. He has also engaged in ag mechanics.

He has served as Float Committee chairman and also was on the BOAC and citrus groups.

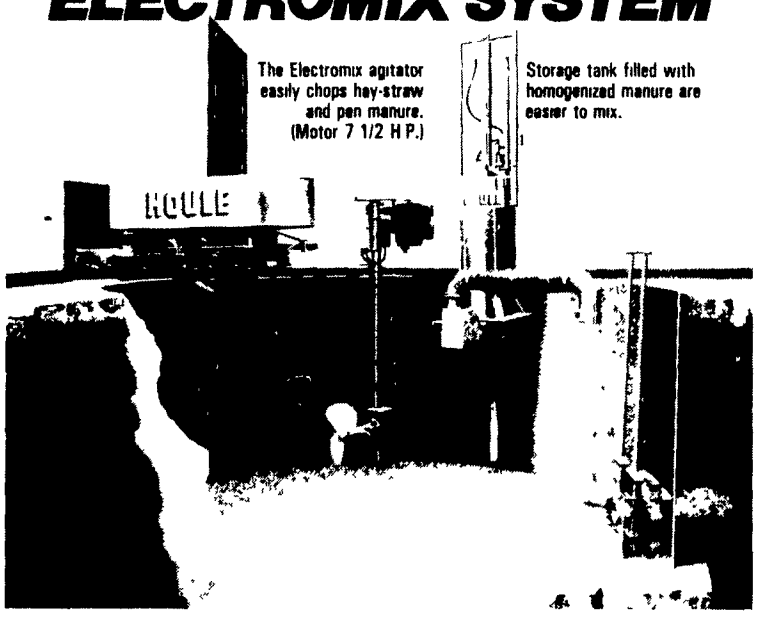
Among extracurricular activities are wrestling, football, Honor Society and church youth.

He is the son of Harry and Darlene Fies, R4 Lebanon.

His hobbies include restoring and painting cars and hunting. His future plans are undecided.

(Turn to Page E9)

ELECTROMIX SYSTEM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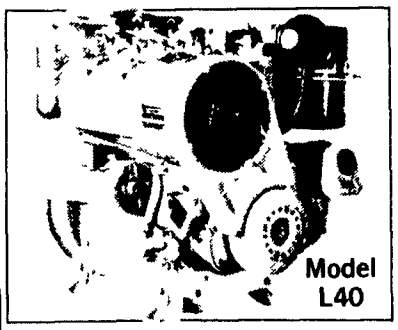

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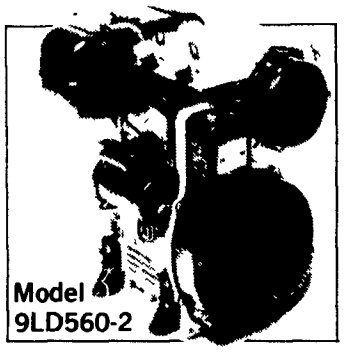

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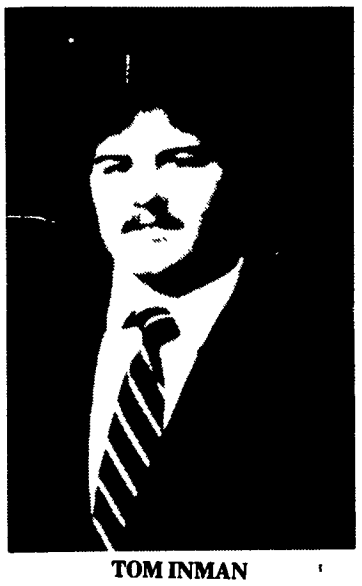
(Continued from Page E8)



TOM INMAN

Tom Inman holds the twin offices of vice president of the Little Dutchmen FFA and treasurer of the Lebanon County FFA.

Last year, he served as treasurer of the Little Dutchmen.

He has been a member of the chapter parliamentary procedure team for three years and attended the FFA National Leadership Training Conference.

Field corn, soybeans and ag mechanics have been his principal projects in the chapter.

His committee assignments have included being chairman of the citrus amd BOAC committees. He is the son of John and Barbra Inman, R4 Lebanon.

Football has been his main extracurricular activity.

Cedar Crest

RICHARD HOUSER

Richard M. Houser, of the Cedar Crest FFA, has had a four-year supervised occupational experience program of work on the Eugene Martin dairy farm.

His committee assignments have been concerned with conservation, leadership, float and as chairman of safety and Food for America.

Among his major awards have been a first in the area salemanship contest, parliamentary procedure team member in county, area and regional competition, a fith place gold in state project book contest, a fourth in county soil judging. He participated in the All-American as tour guide, attended the state conventions and also the national convention.

He is a member of the Midway Church of the Brethern.

Son of Mr. and Mrs. Richard M. Houser Sr., Lebanon, he plans to build up his herd while working toward his own operation eventually.

HEIDI PEIFFER

Heidi Peiffer has served as both secretary and treasurer of the Cedar Crest FFA Chapter.

Among her awards have been the Eastern Region Flower Producers Award, state bronze medals and first in the state interview contest. She attended both the national convention and state conventions.

Her projects have included swine, heifers, sweet corn and work experience at Layser's Greenhouses. Committee posts ranged from the chairmanships of the greenhouse and earnings and savings to assignments on scholarship, scrapbook and Food for America.

She is the daughter of Mr. and Mrs. Ammon Peiffer, Lebanon.

She is a member of the Lebanon Valley Bible Church and the College and Careers Group.

Drawing is her chief hobby.

She plans to continue working at Layser's Flowers. Someday she hopes to have a small greenhouse operation of her own.

JEFF ZUCK

Jeff Zuck is president of the Cedar Crest FFA and previously served as sentinel and vice president. Last year, he served as county FFA treasurer and this year holds the office of county vice president.

He was the Cedar Crest Star Greenhand and Star Chapter Farmer. He competed in parliamentary procedure on the county, area and regional levels and won a gold medal in the state project book contest. He attended both the state and national conventions.

His projects have included swine herd, beef finishing, dairy cow, corn and soybeans, as well as work experience at Reist Farms.

Committee posts included chairing groups concerned with supervised farming, community service, leadership, conduct of meetings, alumni relations. He also served on the conservation and float committees.

He is a member of the Midway Church of the Brethern Youth Choir and Group.

Among his hobbies are volleyball, softball and cycling.

The son of J. Norman and Lorraine Zuck, he plans to gradually expand his dairy herd and eventually own his own operation.

Lehigh

KEVIN BLOSE

Kevin Blose serves as treasurer of the Lehigh County FFA and held the post of student advisor in the

(Turn to Page E10)

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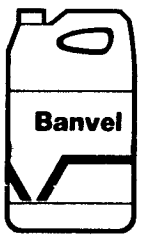

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Jacketed ag youth to parade across Forum stage

(Continued from Page E9)

chapter last year.

A Star Greenhand of the chapter, he has conducted a major FFA project in landscaping.

His committee assignments have included citrus, barbecue and banquet.

Among his extracurricular activities are membership on the Lehigh County Vo-Tech Student Council and the Whitehall Student Council.

He is the son of Mr. and Mrs. Maurice Blose, of Whitehall.

Besides doing landscape work, his chief hobbies are drawing and biking.

He plans to run for state office, continue his education and work toward his own landscaping business.

BONNIE WESSNER

Bonnie Wessner has conducted a wide variety of livestock projects in the Lehigh County FFA, including market lambs, market steers, market swine, breeding swine, breeding sheep and breeding heifers.

A Star Greenhand of her chapter, she has held the offices of treasurer and vice president.

Among her major awards have been a gold emblem in the area creed contest, a gold in livestock judging at the state level, swine proficiency and a bronze in national livestock judging.

The committees on which she has served include citrus, chicken barbecue, banquet and fair.

She is the daughter of Harlan and Barbara Wessner. Her extracurricular activities include 4-H and the National Honor Society.

Her hobbies range from volleyball and softball to fitting animals and cake decorating.

She plans to attend a school for computer programming.

Philadelphia

LISA HIGHTOWER

Lisa Hightower is the sentinel of the Philadelphia FFA Chapter at the W. B. Saul High School of Agricultural Sciences.

Among her awards have been a third placing in chapter salesmanship contest, a superior member recognition in 1982 and

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1983 and leadership award during the past year.

Her committee assignments have included recreation, Food for America and FFA Alumni Day. She was a member of the State FFA Choir for a year, attended Farm Show for four years and also attended the PEEC Leadership Conference and Activities Week for two years.

Extracurricular activities include membership in the tractor driving club and livestock club, as well as participation in girls Basketball and weightlifting.

She is the daughter of Melvin and Christine Hightower, of Philadelphia.

Her hobbies are bike racing, dancing, singing and working for the West Park Animal Hospital.

She plans to attend college and major in animal technology and then enroll in verterinary school.

LISA SCIANDRA

Lisa A. Sciandra is the FFA class president in the Philadelphia FFA at Saul High School.

Among her awards have been in salesmanship, a silver in the state pleasure horse contest, fifth in local floriculture and 10th in the area floriculture.

She has also taken first and second placings in her Junior Flower Shop projects and a second in the Harvest Show project.

Extracurricular activities include the Equine Club, Horticulture Club and the Floriculture Club.

She is the daughter of John and Nancy Sciandra, of Philadelphia.

Among her hobbies are horseback riding, tennis, running and crafts.

She plans to attend Penn State and study agribusiness. She hopes to eventually establish her own floral business.

Snyder

Middleburg

HARRY LEWIS

Harry J. Lewis Jr. holds the offices of secretary of the Middleburg FFA and reporter of the SUN Area.

He has conducted a wide variety of projects, including swine breeding and finishing, field corn, sweet corn, beef growing, strawberries and gardening.

Among his awards have been a first in swine production in the state, the Eastern Seabord Swine Production Award and second in national competition, first in state livestock judging, and a proficiency award in swine production.

Extracurricular activities include being a member of the Middleburg High School Band, Boy Scouts and bowling.

He is the son of Harry and Betty Lewis, of Middleburg.

He hopes to attend college to study agricultural engineering.

JOHN REIGLE

John H. Reigle has served the Middleburg FFA as both student advisor and chaplain.

He has participated in parliamentary procedure, land judging, dairy and forestry competition.

He has served as chairman of the Community Service Committee and has been a member of the executive, seed and fruit sales and project book committees.

Also, he is a member of the Young Farmers, Reliance Hose Co. 1 of Middleburg and the Paxtonville United Methodist Church, as well as Junior Holstein Association membership.

Hobbies include hunting, fishing,

Future Farmers of America

three-wheeling and tractor pulls.

He is the son of Mr. and Mrs. Robert H. Reigle, of Paxtonville.

He plans to become involved in the management of the family's feed business in Paxtonville.

West Snyder

JESSE COLABINE

Jesse Colabine has held the offices of assistant secretary and sentinel of the West Snyder FFA Chapter.

His main project in the FFA has been with his dairy herd.

His awards have come primarily in the area of agricultural electrification.

Committee membership has been on groups concerned with BOAC, dairy calf ring and recreation.

He is the son of Mr. and Mrs. Harry L. Colabine Jr., of R1 Beavertown.

Fishing is his principal hobby and his career choice is dairy farming.

JAMES HASSINGER

James L. Hassinger is president of the West Snyder FFA Chapter and served previously as chaplain.

His projects were shared between dairy herd and growing field corn.

Food for America, dairy calf ring, float, points and citrus sales have been his committee assignments.

He attended the Washington Leadership Training Conference in 1982.

In extracurricular activities he is a baseball manager, member of the Trinity Lutheran Church Youth Group, Fifth Grade Camp Counselor at Mt. Luther and Holstein Association member.

Hobbies include hunting, fishing, baseball card collecting and softball.

He is the son of Joseph H. and Gladys L. Hassinger.

He plans to take an agribusiness course at Williamsport Area Community College for two years and then return to the family farm.

DARIN SHEAFFER

Darin Sheaffer, of the West Snyder FFA, is chaplain of the SUN Area FFA.

His varied projects in the West Snyder FFA have ranged from beef finishing to growing wheat, oats, field corn and hay.

He has served on various committees, including BOAC, Citrus and Seeds, National FFA Week, Booth and scholarship.

Extracurricular activities include varsity soccer for three years and a member of the wrestling team for four years.

He is the son of Mr. and Mrs. William C. Sheaffer, R1 Beavertown.

Hunting is his chief hobby.

He is undecided whether to attend college or immediately farm.

York

Dover

GEOFF ARNOLD

Geoff Arnold has served as treasurer of the Dover FFA and chaplain of the York County FFA.

He has been selected as the Star Greenhand of his chapter.

His projects have included dairy heifers and cows, sheep and steers.

Basketball and baseball are his main outside activities.

He plans to become a dairy herdsman.

(Turn to Page E12)

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Pa. Keystone Farmers

(Continued from Page E10)

FLINT HARLACKER

Flint Harlacker is the president of the Dover FFA Chapter, after previously serving as secretary.

He has received Star Greenhand honors.

His projects were shared between broilers and swine breeding. Committee assignments include recreation, alumni relations, executive and leadership committees.

He is the son of Harlan Jr. and Joyce Harlacker.

He plans to follow an ag career in swine production.

JAMES MACKERETH

James Mackereth III has served in the office of reporter in the Dover FFA Chapter.

He's also a Star Greenhand.

His primary project in the Dover FFA is rabbits.

Committee posts were in public relations, Supervised Occupational Experience, BOAC and supervised farming.

He is the son of James II and Rosemary Mackereth.

He plans to continue a career in farming.

LORI WEAVER

Lori Weaver has held the office of reporter in the Dover FFA Chapter.

She has participated in livestock judging competition and has had projects in sheep and swine breeding.

Her committee posts include public relations and supervised occupational experience.

She is the daughter of Martin and Shirley Weaver, of Dover.

She plans to pursue a career in veterinary work.

Kennard-Dale

SCOTT COOPER

S Scott Cooper is president of the Kennard-Dale FFA and served as chapter treasurer last year.

He is both a Chapter Star Greenhand and a White Rose Star Farmer and has been named FFA Outstanding Boy.

He has been a member of the parliamentary procedure team and has won awards for his project books and York Fair exhibits.

His projects have included four years of having dairy animals and three years of work experience. He has also grown field corn, hay, barley and wheat.

Committee posts include banquet, leadership and earnings and savings.

Extracurricular activities have been centered on membership in the Airville 4-H Dairy Club, Church Youth Fellowship, church softball, Little League baseball and ninth grade basketball.

He is the son of Mr. and Mrs. Ramsay Cooper Jr.

(Turn to Page E13)

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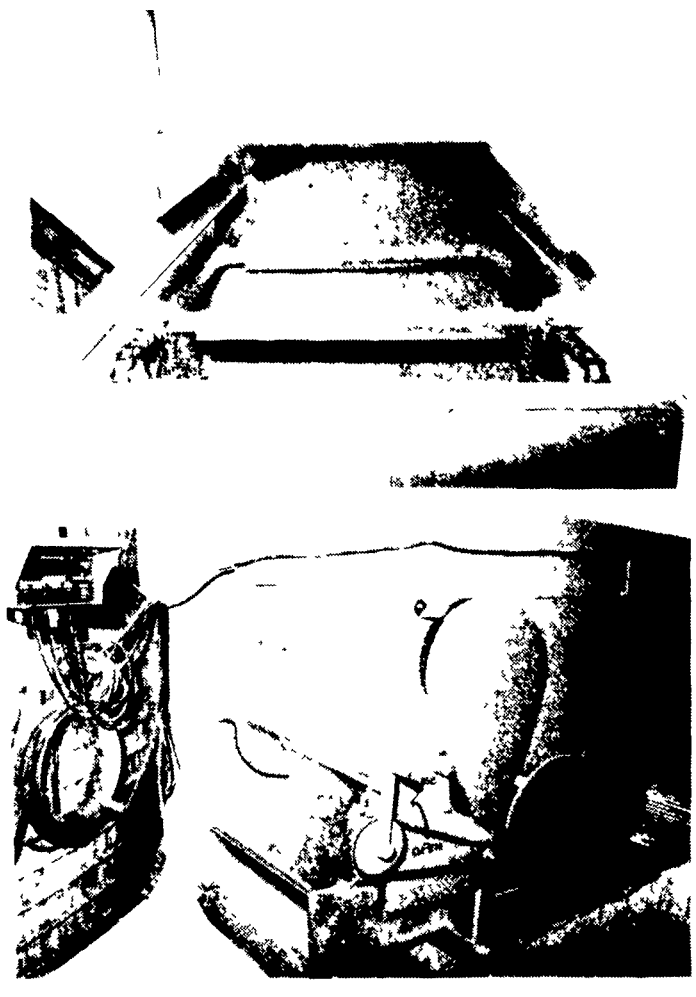

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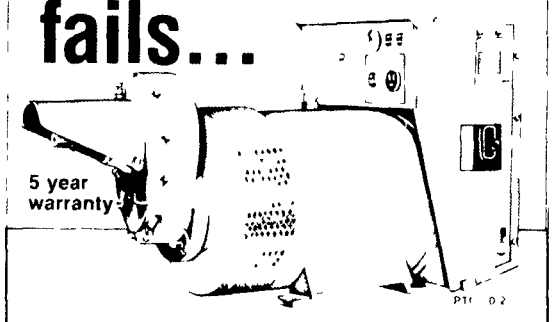

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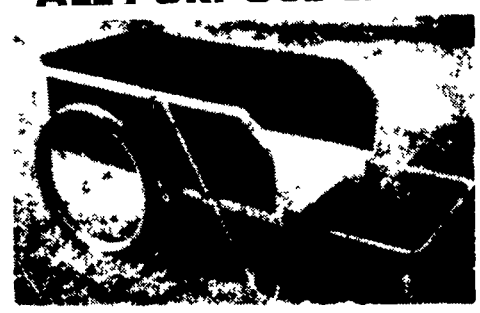

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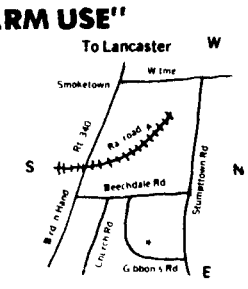
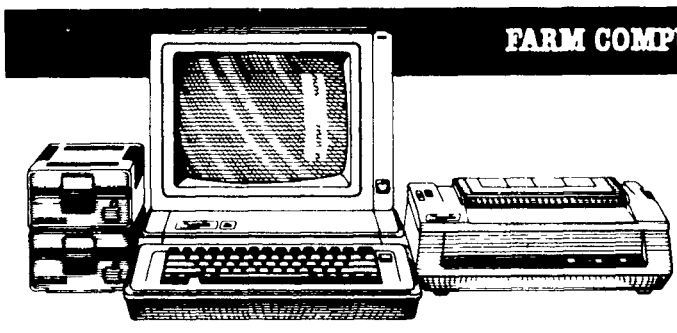


FARM COMPUTER SEMINARS



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FFA'ers to gather for mid-winter convention

(Continued from Page E12)

Sports and attending dairy related activities are his main hobbies.

He plans to study dairy science in college and then work toward his own operation.

CRAIG MILLER

Craig Miller has concentrated his activities in the Kennard-Dale FFA on dairy-related projects and competition.

His projects include dairy cows and calves and work experience at Gum Tree Farms, Delta.

He competed in the state dairy judging contest at Penn State and took top awards in dairy judging at the York Fair for three years.

His project books have won silver and gold awards in state competition. He has served as chairman of the National Activities Committee and has been a member of the recreation group

Church softball has been his primary extra activity.

He is the son of Mr. and Mrs Clyde R. Miller, R1 Delta.

He plans to work with his father and uncle in dairying.

TODD SMITH

Todd A. Smith, of the Kennard-Dale FFA, has participated in a four-year work experience program at the Double D dairy farm.

He has served on the treasury committee for three years and on the banquet committee for one year. He has participated in the sale of citrus for three years.

Participating in dairy judging at both the Farm Show and York Fair, he took sixth and ninth placing in the latter competition. He won the Placement in Ag Production award in 1982.

Hobbies include softball, volleyball, hunting, fishing and riding horses.

He is the son of Leon T. and Hilda Smith.

He hopes to follow a dairying career.

Red Lion

MICHELLE BANKERT

Michele Lisa Bankert, of the Red Lion FFA, has held the offices of chapter chaplain and treasurer and York County FFA vice president.

Among her awards have been her naming as Outstanding York County FFA member and Star Greenhand, as well as sheep production award, scholarship award and a bronze in state livestock judging.

She has been engaged in diversified livestock projects, including swine breeding, swine finishing, sheep breeding, sheep finishing and work experience at the Yorkshire Animal Hospital of Dr. Harold C. Neibert.

Committee posts have ranged from broilers, citrus and FFA Week to Chapter gilt, bulletin board, seed sales, scholarship, recreation and banquet.

Extracurricular activities feature participation in National Honor Society, Youth Fellowship, Church Choir, 4-H Community Club, County 4-H sheep and swine clubs

She is the daughter of Mr. and Mrs. Preston Bankert, R3 Red Lion.

Hobbies include outdoor activities such as nature study, biking and hunting, as well as crafts.

She plans to attend Delaware Valley College and major in animal husbandry and eventually enter the field of animal research or veterinary science.

JAMES CAUDILL

James Dallas Caudill was the 1983 Star Chapter Farmer of the Red Lion FFA.

He also has won a silver award in state livestock judging, sheep production and work experience foundation awards and showmanship honors for sheep and swine.

His projects have included gardening, field corn, layers, breeding swine, sheep and work experience. Committee posts have ranged from chairman of the barbecue group to membership on BOAC, calendar of events, seed sales, citrus sales and recreation.

He is also a member of a number of ag and community organizations, including York County 4-H Sheep Club, Mason-Dixon Wool Growers, York County Sheep and Wool Producers, American Landrace Association, Airville Volunteer Fire Company and the Pleasant Home Regular Baptist Church.

He is the son of Mr. and Mrs. Dallas F. Caudill, R2 Airville.

He enjoys listening to music and playing sports.

He works on the Paul King dairy farm and owns and manages a flock of sheep at home. He hopes to have his own dairy operation someday.

EDWINA JOHNSON

Edwina Johnson is the president of the Red Lion FFA and has also held the offices of assistant secretary and treasurer.

Her awards have come in the areas of dairy production, records keeping and scholarship.

Her projects include a dairy herd of three cows and seven acres of field corn. On committees she has served in the areas of barbecue,

(Turn to Page E14)

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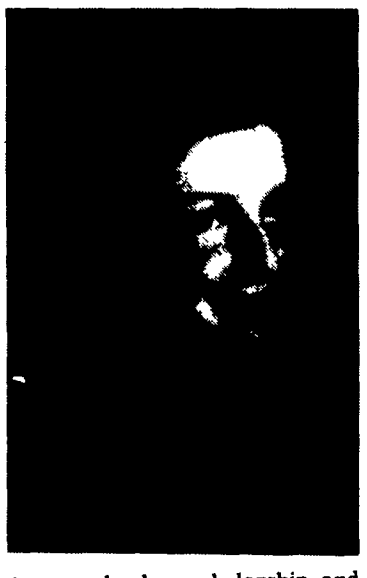
(Continued from Page E13)



citrus, calendar, scholarship and broiler. She has participated in dairy judging competition.

She is the daughter of I. Edwin Jr. and Doris Johnson, of Airville.

She enjoys softball, volleyball, reading, dairy judging and hunting.

Her extracurricular activities are centered around her church.

She would like to become a DHIA supervisor.

Skiles bull at Midwest

SHAWANO, Wisc. — A Holstein bull calf, acquired from Kenneth and Jere Skiles, narvon, is now available for sampling from Midwest Breeders Cooperative.

The newest offering from Midwest is 21H838 Pequea-Meadows Influence, a son of Straight-Pine Elevation Pete.

Combined with his maternal grandsire, Pawnee Farm Arlinda Chief, the calf's Pedigree Index is +1301M, +42F, +$162 and Genetic Index is +1715 M, +52F, +$206

Influence's dam is Zion-Meadows Chief Inez, VG-85. She has a Cow Index of +1510M, +53F, +$194. As a four-year-old, she had a 305-day lactation of 26,000 pounds of milk, 3.6 percent butterfat test and 923 pounds of fat.

Wheat PIK acres to be limited

WASHINGTON, D C — The number of acres a wheat farmer can enroll in the U.S. Department of Agriculture's 1984 payment-in-kind program will be limited so that no farmer will receive more than $50,000 in benefits, a USDA official reported.

Everett Rank, administrator of USDA's Agricultural Stabilization and Conservation Service, said payment limitation is a ceiling imposed by law on the total amount of payments a farmer can receive for participation in USDA's production stabilization programs.

Generally, a farmer can receive no more than $50,000 a year. However, price support loans, special disaster assistance and/or cost-sharing for approved, enduring conservation practices are not subject to this limitation, Rank said.

"Because the 1984 wheat loan rate was reduced from the statutory $3.55 per bushel to $3.30 per bushel to maintain our domestic and export markets, a portion of the deficiency payment rate may not be subject to the $50,000 payment limitation," Rank said.

"The amount of deficiency payment not subject to the $50,000 limit will be the amount that the deficiency payment rate exceeds the difference between the old $3.55 loan rate and the $4.45 target price. This will ensure that the total returns to participating farmers will be the same as if the adjustment in the loan level had not been made," he said.

"We do not believe the payment limitation statute applies to PIK commodities and we did not apply the limitation to last year's PIK program," said Rank. "This view has now been challenged by the General Account Office and some members of Congress.

"We continue to believe we are correct, but the issue must be put to rest so that we can get on with implementation of the 1984 PIK program for wheat. Therefore, we have decided, as a matter of administrative policy, that a farmer will not be allowed to receive a combination of PIK compensation and cash payments for participating in production stabilization programs that exceed $50,000, using the 1984 county wheat loan rate to determine the value of the PIK."

Rank said a proposal to make the necessary changes in the PIK program regulations will be published soon in the Federal Register and that final action on the changes would be completed before the sign-up period for the 1984 program ends Feb. 24.

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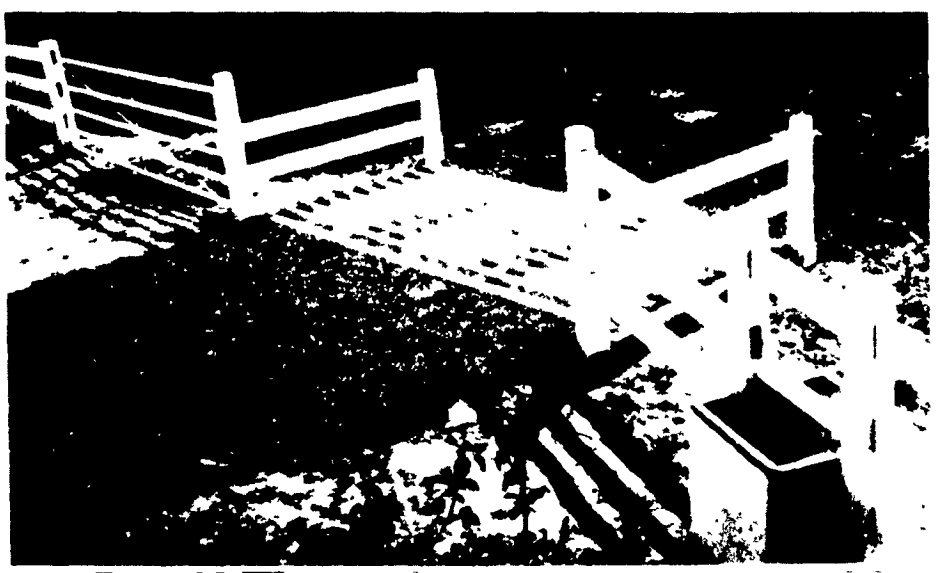

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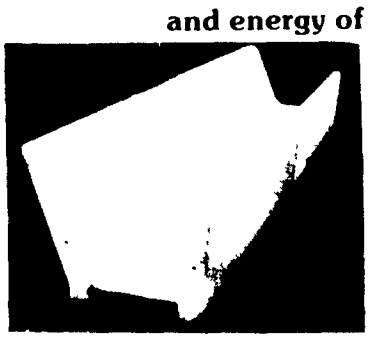
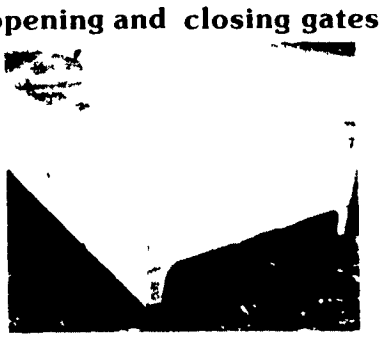


Fenceline Feed Bunk Smooth surface, rounded corners for less waste



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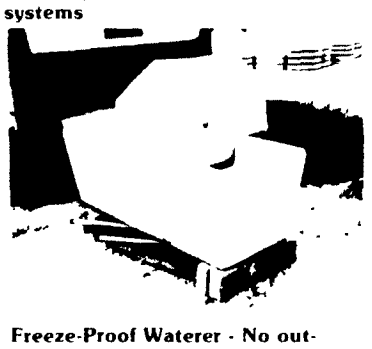

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The meter body, attached at each stall, receives and measures the individual milk yield of the cow as she is milked. This milk yield is then displayed on an LED digital display on the accompanying stall unit which controls the meter body.

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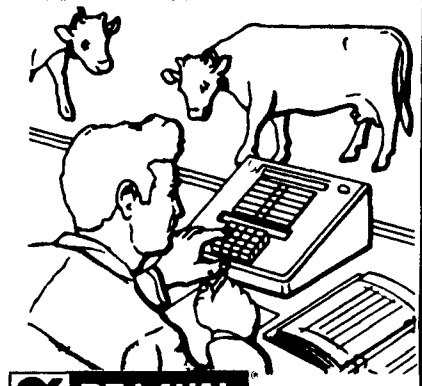

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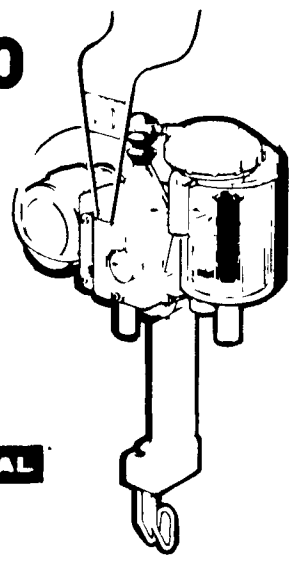
DeLaval technology enables you to place the dairy herd's grain feeding program under computer control. With the RationMaster Feeding System, each cow gets only the concentrate needed for optimum milk production. Components include neck-worn transponders... single-stall feeding stations where grain is dispensed automatically... and a Computer Command Center where a micro-processor stores and retrieves data on individual animals.

Reduced labor, more milk, less wasted feed, healthier cows, and shortened calving intervals are typical benefits. Let us explain more about the RationMaster Feeding System — Module One of the advanced DeLaval® Herd-Master™ Management System.

DV-300 Milker



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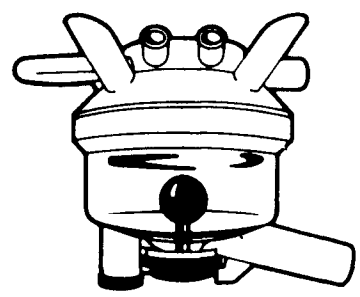
The De Laval® DV-300™ milking system senses milk flow and automatically shifts vacuum levels and pulsation rates for stimulation, milking and post milking That means less stress on your cows and improved milking routine for you

The DV-300 milker .the flow controlled milking machine that brings affordable semi-automated milking to all types of dairy operations See us for full information on the DV-300 milker and the full line of De Laval dairy equipment all designed to make you a better, more profitable dairyman

Super Flo-Vu™ Claw DE LAVAL



The De Laval® Super Flo-Vu™ milking claw is the newest thing in milking It features an extra large, extra tough plastic bowl that twists off for easy inspection and cleaning And the Super Flo-Vu Claw can be used with all De Laval and many competitive milkers Check these other features

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- Heavy duty stainless steel construction

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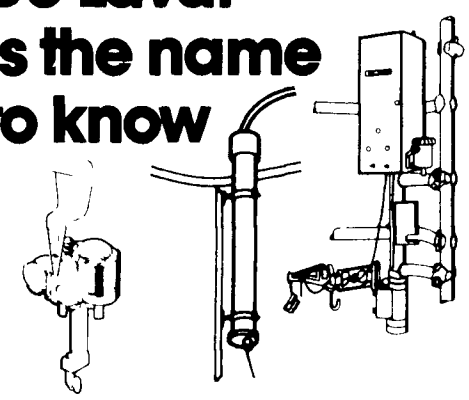
De Laval is the name to know



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Chester County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

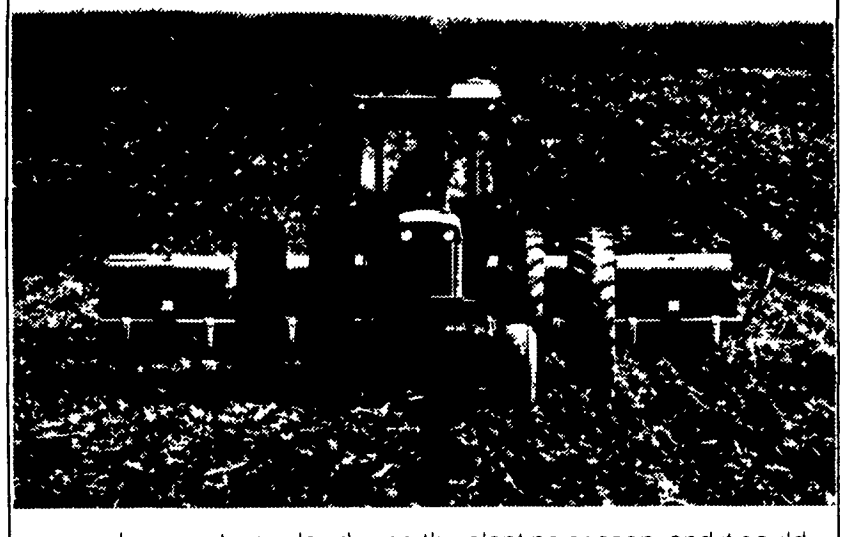
November, 1983

The cow with high fat was owned by Dunwood Farm
The cow with high milk was owned by Kenneth Umble

OWNER NAME OR NUMBER	BREED		DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Dunwood Farm						
Bell	3	4-3	305	29,504	4 0	1184
Subrina	3	4-1	305	25,428	3 9	997
Lace	3	6-0	305	21,043	4 6	964
Kay	3	3-2	298	23,983	4 0	963
Diane	3	3-2	305	25,241	3 7	933
Paul King						
Marvx 62	3	4-2	305	25,818	4 1	1071
Cam 893	3	5-4	305	21,682	3 8	817
Joseph Lusby						
Sugar	3	9-7	284	21,200	4 9	1029
Flora	3	5-3	295	24,168	3 6	870
Salena	3	4-2	305	22,126	3 7	829
Sweet	3	6-8	191	16,093	4 6	739
Candy	3	3-4	280	17,602	4 0	708
Elmer A Mast						
Helen	3	4-2	305	25,569	3 9	996
Betty	3	5-3	305	21,382	3 9	842
Ardrossan Farms						
Prondly	1	5-5	305	23,477	4 2	990
Boylucy	1	4-6	305	20,579	4 1	850
Sroslee	1	8-4	304	20,426	4 1	840
Pvmisty	1	5-10	305	19,663	4 2	817
Sulkate	1	9-7	305	19,340	4 0	767
Cbmisly	1	2-5	305	19,586	3 9	758
Kclaudt	1	3-6	305	15,595	4 6	717
L-Evie	1	2-6	305	15,778	4 5	716
Leon D Kurtz						
Doris 1	3	10-11	305	26,641	3 7	979
Fancy 39	3	5-11	305	23,036	3 6	826
Judy 12	3	4-5	305	23,023	3 5	801
Karol 23	3	8-8	305	22,008	3 6	792
Kim 18	3	4 0	305	19,244	4 0	763
Melwood Farm						
Laura	3	7-4	305	29,106	3 3	971
Rosie	3	3-0	305	25,840	3 7	948
Bonnie	3	8-0	305	23,254	3 4	798
Ranelle	3	2-11	299	20,499	3 7	759
Ben Beiler & T Barlow						
Sandy 33	3	5 4	305	26,925	3 6	967
Gaity 35	3	4-7	305	23,611	3 7	866
Peace 30	3	3 4	305	24,131	3 5	849
Spring Aqua Farm						
137	3	7 10	305	22,720	4 2	961
208	3	6-0	305	22,772	3 2	724
Mast Stoltzfus						
Twilite	3	8-4	305	20,192	4 6	932
Dawn	3	3-2	305	17,402	4 0	700
Kenneth Umble						
Charlot	3	5-6	305	29,669	3 1	931
Suprise	3	6-0	305	27,706	3 2	880
Floyd Miller & Sons						
75	3	7-0	305	22,867	4 1	930
19	3	4-0	305	22,350	3 8	856
20	3	6-1	305	20,188	4 1	826
Timberview Farm						
Lill 10	3	5-6	305	20,914	4 4	926
Holly 51	3	5-0	305	20,671	3 6	742
Maplesway Farm						
Patsy	3	4-6	305	23,726	3 9	919
Janice	3	3-3	305	21,793	3 5	762
H & R Mason						
116	3	5-6	305	27,730	3 3	917
45H	3	4-4	305	21,342	4 2	888
129	3	6-2	305	21,119	3 8	807
133	3	2-4	305	19,736	3 5	700
Richard Hoover						
114	3	4-3	305	22,785	4 0	916
99	3	4-1	305	25,801	3 5	913
171	3	6-1	305	18,165	4 1	745
33	3	6-9	305	17,821	4 0	705
J Elvin Ranck						
Joyce 2	3	4-6	305	23,872	3 8	905
Walmoore 1						
254	3	5-4	305	21,211	4 2	901
328	3	4-2	305	22,934	3 7	856
280	3	4-10	291	19,059	4 4	830
359	3	3-6	305	22,725	3 6	813
190	3	6-4	298	21,152	3 4	713
250	3	5-5	305	21,796	3 2	703
Lloyd Mast & Sons						
142	3	5-6	305	23,156	3 9	898
200	3	3-11	305	17,880	4 7	837
135	3	8-4	305	19,867	4 2	831
208	3	3-5	305	18,172	4 0	734
222	3	2-11	305	17,372	4 2	728
James V Yale						
80	3	6 3	305	22,737	3 9	898
44	3	3 3	301	20,244	3 9	781
29	3	4-5	305	18,537	3 9	727
Richard Hostetter						
29	3	7-2	305	23,484	3 8	897
6	3	7-5	305	24,867	3 5	868
Donald H Windle						
372	3	4 3	305	18,241	4 9	886
366	3	4-2	305	21,091	4 0	835
Jefferson D Yoder						
41	3	6-11	305	23,618	3 7	875
16	0	3-6	305	18,467	4 4	812
81	3	5-11	305	21,707	3 7	810
Richard Proud & Son						
B15	3	5-11	305	23,626	3 7	869
Merle J King						
Pearl	3	3-10	305	24,398	3 5	866
Sue	3	6 5	305	22,421	3 7	826
Ronald F Elliott						
224	3	5 3	305	20,178	4 3	864
193	3	6 6	305	21,478	3 7	797
Elle 250	3	3 1	305	17,952	3 9	706
Donald L Kauffman						
139	3	8 6	305	23,839	3 6	861
43	3	7 0	305	24,220	3 3	811
Vernon Guest & Son						
Elke	3	5 6	305	22,671	3 8	858
Brandy	3	7 9	305	21,510	3 8	810
John S Stoltzfus						
Hifi	3	7-7	275	22,102	3 9	858
Ritz	3	6-11	305	21,616	3 7	806
Lene Hill Farms						
62	3	3 5	305	21,361	4 0	852
51	3	4-4	305	18,843	3 9	732
J Kenneth Landis						
Eva	3	5-2	305	25,397	3 3	850
Floette	3	3 4	305	17,659	4 4	770
Ronald H. Jantzi						
Fianna	3	4-10	305	20,023	4 2	845
J Raymond Harnish						
Peg	3	8-2	305	25,545	3 3	844
Gottlieb Strohmaier						
118	3	3-6	305	20,465	4 1	843
Maret 14	3	11-2	305	18,288	4.1	750
Daniel M Stoltzfus						
Kate	3	0-0	305	19,271	4 4	843
Wilkinson Farm #2						
1317	3	4-3	296	18,351	4 5	834
951	3	7-0	305	20,825	3 7	767
Mrs John B Hannum	3D					
12	3	7-0	304	24,238	3 4	827
1	3	4-1	305	24,267	3 0	719
293	3	2-0	292	16,752	4 2	703
Benjamin K Kauffman						
Rose	3	4-6	305	19,942	4 1	823
Bryncoed Farms Inc						
P792	3	6-3	273	20,244	4 1	821
R201	3	3-6	305	21,844	3 7	808
A13	3	4-5	305	18,790	4 1	773
R191	3	3 8	305	18,191	3 9	717
St Johns Diary						
B98	3	4-11	305	18,115	4 5	816
Wilmer L Hostetter						
Fury 17	3	10-6	305	20,267	4 0	815
Apolo 40	3	6 3	305	25,615	2 9	735
Elvin P Graybill						
Pearl 58	3	3 10	341	21,080	3 9	814
Wimpy 5	3	6 3	335	21,305	3 6	772
Walmoore #3						
940	3	4-3	298	20,588	3 9	812
David E Weaver						
Boots	3	6-3	305	20,125	4 0	812
Heather	3	7 11	305	18,113	4 2	757
Round Top Farm						
89	3	5 0	305	23,139	3 5	811
45	3	7-6	305	25,757	2 9	750
George P Lamborn						
Erica	3	2-1	305	22,231	3 6	807
Herman Stoltzfus						
Marge 32	3	3-3	305	17,898	4 5	802
Harold J Ranck						
Tweet	3	8-4	305	19,612	4 1	801
Kenneth Weaver						
Flo	3	3 2	305	18,769	4 2	792
Beth	3	3 5	305	15,624	4 6	721
Willowland Farm						
Linda	3	5 1	303	20,215	3 9	787
Tomorow	3	3 1	305	22,466	3 4	759

(Turn to Page E17)

If the engine quits, two-way radio could pay for itself today.



Lose just one day during the planting season and it could make all the difference between a good crop and a poor one

That s why you should be equipped with a Johnson FM two-way radio

With two-way radio if your engine quits you can simply call for help Chances are a mechanic can get to you and get you going again while there s still some daylight left

But without two-way radio you d just have to start walking

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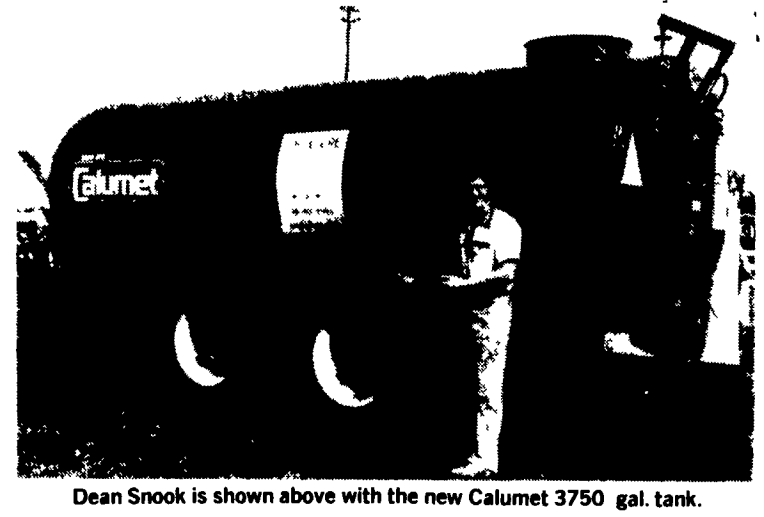

Dean Snook is shown above with the new Calumet 3750 gal. tank.

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F. ERNEST SNOOK

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Chester Co. DHIA

(Continued from Page E16)

Penn Valley Farm						
44	3	6-3	290	19,269	4 1	786
Applebrook Guernseys						
P Raven	2	7-10	305	18,007	4 3	779
Nina	2	4-0	305	14,452	5 1	735
William Fell						
151	3	4-1	305	19,951	3 9	777
Milton & Joyce Edwards						
8	3	3 9	305	17,191	4 5	772
21	3	7-2	297	18,870	3 7	700
Calvin S Kurtz						
32	3	3-1	305	19,287	4 0	770
John E King						
Pansie	3	0-0	301	16,734	4 6	768
Ivy	3	4-11	270	16,586	4 4	729
John K Kauffman						
Gay	3	5-1	305	18,503	4 1	766
Harold R Kulp						
Jackie	3	9-4	305	23,504	3 3	765
Jupiter	3	4-4	305	18,617	4 0	753
Sandy	3	6-11	305	19,137	3 8	727
Arlene	3	3-2	305	14,820	4 9	720
Lira	3	3-2	298	15,957	4 4	705
Charles J Moore						
Sharon	3	5-5	305	26,642	2 9	762
David Darlington						
Pansy 46	3	9-6	305	18,883	4 0	762
Chester Hills Farm						
W250	3	4-2	305	19,033	4 0	758
Pei-Valley Farm						
36	3	10-9	305	21,906	3 4	754
Joseph S King						
25	3	4 2	296	16,653	4 5	749
Derry Grove Farms						
64	3	6-2	298	14,539	5 1	745
Kenneth I Miller Sr & Jr						
40R	3	3-8	304	18,750	4 0	744
Simon Z Zook						
14	3	6-9	305	18,715	3 9	734
Harlan H Burkholder						
Rosebel	3	4-10	305	18,675	3 9	733
John L Stoltzfus						
36	3	3 8	305	19,743	3 7	726
Swan View						
Gloria	3	2 3	305	18,867	3 8	726
Donald L Shoemaker						
Speckle	3	5 2	305	19,136	3 7	712
Tom Halladay & Son						
Swift	3	4 6	305	19,101	3 7	711
David Bartram						
22	3	4 4	305	19,072	3 7	710
G Wickersham & Sons						
832	3	7 2	305	16,168	4 4	709
Howard H Moore						
606	3	5 5	305	23,016	3 1	705
Jonas E Stoltzfus						
Esther	3	4 7	305	19,024	3 7	703
Paul Smoker						
72	3	3-4	305	16,846	4 2	703
Charles H Gable						
321	1	3-7	305	16,249	4 3	702
Henry S King						
Ruth	3	4-2	305	18,222	3 8	701
David K Stoltzfus						
17	3	4-4	301	16,036	4 4	701
Glenn H Freese						
Enis 21	3	5-10	305	19,617	3 6	700
Wilkinson Farm #1						
1058	3	6-7	305	19,710	3 7	725
David & Dawn Windle						
Joint	3	3-7	305	20,999	3 4	721
Jonas Z King						
Hilda	3	5-9	298	22,748	3 2	720
Marsh Acres Farm						
291	3	6-11	305	18,288	3 9	720
Donald Speakman						
97	3	0-0	305	17,827	4 0	720
Mildred Seeds						
M Gratz	4	10-4	305	13,127	5 5	720
Chris & Ches Stoltzfus						
Violet	3	5-1	305	18,098	4 0	717
Polly	3	8-8	305	19,184	3 7	704
Donald M Horning						
77	3	5-4	305	16,831	4 3	717
43	3	0-0	305	25,529	2 8	706
A Richard Stauffer						
Rita	3	3-2	305	19,434	3 7	714

CRAWFORD COUNTY DHIA
November 1983

Herds are listed by Rolling Herd Averages producing over 650 lbs of fat

Queens Manor Holsteins	RH	17 8	20 058	776
Crawford County Farm	GH	29 9	21,172	760
Black Pond Farms	RH	87 0	19,650	728
Richard L Black	RH	45 2	18,941	728
John Tautin Sr	R&GH	42 3	19,404	726
Jeff & Annette Bradshaw	R&GH	29 1	21,705	711
Arden & Ivan Drake	RH	20 3	20,503	708
Roman Miller & Sons	R&GH	58 7	18,562	697
O Darlan Farm	R&GH	49 8	18,511	696
Helen Anthony	R&GH	59 8	18,332	693
John Brenner	GH	39 7	16,956	680
Robert A Freyermuth	RH	31 0	18,541	677
Tom & Libby Wilson	RH	11 6	18,445	675
Ernest Oakes	R&GH	75 3	19,382	668
Dave & Kaye Slusser	RH	52 1	18,410	661
Richard M Lyons	RH	16 2	17,871	661
George P Simcheck	R&GH	48 3	16,745	660
Kenneth & Judy Mook	R&GMix	14 5	16,869	658
Earl & Lisa Hamilton	R&GH	63 0	18,461	654
Dennis B Halfast	R&GH	41 9	18,055	654
Lyle D Miller & Sons	GH	42 8	17,907	651
Stanley Bradshaw	R&GH	58 3	17,226	651

WASHINGTON COUNTY DHIA
D H I HIGH HERDS, LAST TEST AS OF
December 10, 1983

G Nathan Stiles	10	58 6	16,172	634
Earl Grove Jr	107	56 6	18,237	655
William H Price	70	56 2	19,542	724
Owen E Martin	53	56 0	17,306	665
Marlin Martin	44	53 8	19,877	686
Larry Neal Beard	45	50 3	18,504	714
F Ernest Barnhart	87	49 3	18,834	671
AG Rhoderick	131	48 7	17,153	637
JA Campbell	105	48 2	15,034	557
Halteman Fm	148	47 9	13,617	532
Edgar Paul Pryor	97	47 7	17,085	674
Creek Bound Farm	55	47 6	15,553	579
George&Earl Mills	90	47 2	16,173	599
Marsh Haven Fm	100	47 1	16,487	635
LB Worthington	122	46 7	17,857	676
Roy J Byers	26	46 5	18,202	652
Eshdale Farm	72	46 2	17 007	631
Edan B Cave	89	46 1	15,438	611
SJ Winters Jr	94	46 0	16 266	604

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York County DHIA Monthly Report

dhia
Pennsylvania Dairy Herd Improvement Association

November, 1983

1042 lbs butterfat and 26,421 lbs milk was produced in 305 days by Marion a 4-year-old Jersey owned by Jim & Holly McCaffree, Delta Second high was Lonna a 7-year-old Holstein who produced 956 lbs butterfat and 27,643 lbs milk in 305 days, owned by Smysers Richlawn Farms

High herd was Smyser's Richlawn, York with 68 Holstein cows producing 21,470 lbs milk and 795 lbs butterfat Second high was Stump Acres, York with 91 Holstein cows producing 19,569 lbs milk and 781 lbs butterfat

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	LBS. FAT
Smysers Richlawn Fms	3	68 3	86 7	21,470	795
Stump Acres	3	90 6	90 4	19,569	781
Lynn Wolf	3	66 8	89 0	19,651	755
Beshore Farms	3	45 1	85 5	20,298	744
Jim&Holly McCaffree	3	39 4	82 7	20,562	735
H S & R E Fetrow	3	78 4	87 7	19,694	734
Wayne E Myers	3	44 2	84 9	19,178	718
Paul R King	3	53 0	89 3	17,821	706
David Stewart	3	110 9	89 2	19,566	701
Rick L Cook	B3	59 3	88 7	18,252	691
Thomas A Boyer	3	42 4	83 7	18,901	687
The J E Baker Co	B3	43 2	84 9	18,887	685
McRal Dairy Farm	B3	155 1	91 2	18,726	679
Sinking Spring Fmlnc	3	66 9	85 6	18,587	673
Rineway Dairy Farm	B3	93 0	87 3	17,386	661
Earl Fuhrman	B3	83 1	86 9	17,970	661
B Robert Charles	B3	47 5	87 9	19,047	657
Geo Knight	3	129 3	87 7	17,526	650
Wayne B Mummert	B3	71 9	86 2	17 555	643
Lonnie Robinson	3	42 3	95 0	16,596	641
William Ruppert	B3	53 7	86 4	18 080	637
William Myers	B3	41 5	88 0	17,284	632
Fawn Meadow Holstein	B3	68 0	87 1	17,114	624
Walnut Hill Farm	B3	38 2	88 8	17 123	623
Melvin R Lehr	B3	51 7	83 1	16 552	622
Smokey Hollow Farm	G3	34 0	88 8	17 828	621
Big T Holsteins	B3	88 8	84 7	17 156	621
Leroy Bupp	3	99 2	89 0	17 699	616
R R & M R Stewart	3	57 9	87 3	17 396	616
Edwin L Calhoun	G3	45 8	87 4	16 773	615
Fred Sprenkle	3	46 0	86 0	17 471	604
Mervin W Hertzler	2	63 6	88 9	12,562	604
J H & M B Hushon	B3	92 4	89 2	16,162	602
Dennis J Myers	3	53 0	88 7	16 356	602
C Robert Kilgore	3	50 3	88 6	17 211	600
Rutter Bros	2	80 8	87 5	12 205	597
Double D Farm	B3	94 2	83 1	16 030	596
Gum Tree Farm	3	43 2	90 6	17 152	595
Harold Brown	3	71 7	83 6	15,929	592
T Edwin Johnson	3	65 3	84 1	15,498	589
Ellis Crowl	B3	101 9	85 9	16,838	585
J Donnell Taylor	B3	115 3	85 9	16,387	585
Daryl L Bair	B3	37 9	88 6	17,066	583
Walkers Farm	B3	72 8	87 1	16,083	582
George Innerst&Sons	B3	70 7	86 3	15,664	581
David & Chris Druck	B3	72 6	81 2	18,010	576
Titus Walker	G8	37 4	86 2	15,535	573
Honeycrest Fm	B2	102 1	87 3	13,586	573
Rodman C Thompson	3	67 2	83 1	16,018	572
John C Krone	B3	40 5	86 3	15,810	570
Phillip D Laughman	3	28 6	85 4	15,975	570
Elvin G Molison	B3	147 8	83 0	15,851	567
Robert W Mays	B3	62 7	87 6	16,344	566
Eisenhart Bros	B3	79 7	87 0	15,232	563
Kenneth L Rexroth	B3	139 2	88 9	15,097	563
William H Fantom	B3	66 1	85 1	15,289	561
Cool Branch Farm	B3	82 9	88 1	14,971	558
Hidden Springs Farm	B8	92 8	83 7	14 380	554
Elwood T Krick	B3	84 3	91 9	14,805	551
Robt Baumgardner Jr	B3	57 5	83 3	15,394	550

Denotes 3 times milking

Lactation Report

OWNER NAME OR NUMBER	BREED	AGE	DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Donald Lanius						
Sue	2	5 9	305	15,962	4 5	724
Mable	2	3 3	305	14,748	4 8	709
Sinking Spring Fm Inc						
Jacquel	3	4 10	305	20 219	3 9	791
Wanda	3	3 1	297	19,302	3 6	704
Winsome	3	1 11	305	18,425	3 5	653
Rutter Bros						
Peace	2	2 9	305	13 514	4 9	666
Beshore Farms						
Inga	3	6 0	305	22 116	4 2	934
Coreen	3	1 11	305	18,233	3 6	660
Gum Tree Farm						
Ellenna	3	3 11	305	25 579	3 4	875
Ablert Dehoff						
287	3	5 3	305	19 828	3 3	664
The J E Baker Co						
34	3	11 2	269	21,183	3 4	722
Fred Sprenkle						
Whiz	3	6 1	305	19 575	3 9	762
Doug & Gene Kilgore						
Patty	3	6 3	305	20 332	4 0	816
Thomas A Boyer						
Zona	3	3 2	305	24 042	3 1	746
Earl Fuhrman						
Bonita	3	11 3	305	24 227	3 2	764
Flash	3	9 2	305	22 094	3 2	706
Gina	3	5 8	305	24 898	3 5	883
H S & R E Fetrow						
Honey	3	8 3	305	25,619	3 6	934
Stella	3	7 1	305	25,856	3 2	834
Lora	3	4 6	305	23,916	3 2	765
Jolene	3	2 8	305	17 554	4 0	706
J H & M B Hushon						
11	3	3 4	305	17 817	4 0	716
Smysers Richlawn Fms						
Fanny	3	7 7	295	25 303	3 5	893
Lonna	3	7 0	305	27,643	3 5	956
Vivian	3	5 6	305	20,155	4 1	824
Roberta	3	4 6	305	22,428	3 3	741
Vickie	3	4 5	305	30,204	3 2	968
T Edwin Johnson						
Gilda	3	5 4	291	18,681	3 6	673
Leroy Bupp						
Burnie	3	3 1	305	20,342	3 3	675
Dennis L McWilliams						
5	3	6 9	305	20,505	3 2	653
Palmer McWilliams Jr						
84	3	6 11	305	20,224	4 0	799
44	3	4 6	305	19 855	3 5	691
Dennis J Myers						
Jessica	3	6 0	305	15,931	4 3	686
Ellen	3	4 10	305	16 575	4 1	674
Phillip D Laughman						
Wackee	3	7 9	305	19 767	3 4	671
Paul R King						
April	3	4 5	305	21,644	3 7	804
Pickles	3	3 1	305	18,920	3 5	665
Lucky	3	3 3	305	16,565	4 6	763
Lynn Wolf						
Duchess	3	9 0	298	22 899	3 6	825
Jody	3	3 10	248	20 613	3 4	710
Linda	3	1 11	305	22,571	3 5	799
Minnie	3	2 0	302	16,170	4 0	651
Kate 2	3	5 5	305	17,311	4 0	701
Robert J Reheard						
Kay	3	6 10	305	19 759	3 7	722
Melvin R Lehr						
1	3	7 9	305	17 171	4 5	773
3	3	6 6	298	20,124	3 6	720
56	3	4 4	271	15 468	4 7	721
21	3	4 4	305	22 150	4 4	974
Horace E Heindel						
182	3	9 4	305	18 032	3 8	677
127	3	5 2	305	20,149	3 5	702
Elvin R Deiter						
Peggy	3	5 9	305	17,686	4 2	741
Wayshar Farm						
31	3	3 2	305	18 626	3 5	652
Kenneth L Rexroth						
16	3	7 2	305	17,143	4 1	703
41	3	5 5	305	19 420	3 7	719
Rick L Cook						
Paula	3	4 10	305	21 590	4 2	900
Comet	3	4 1	305	23,055	3 5	811
Orbit	3	3 0	295	16 320	4 0	657
Clover	3	3 0	305	16,994	4 1	703
J Donnell Taylor						
Rocket	3	7 3	305	21 622	3 5	746
Elvin G Molison						
24	3	5 3	293	17 974	4 1	745
119	3	4 5	305	19 310	4 0	763
144	3	3 3	305	21 019	3 5	746
157	3	3 4	305	18 519	3 8	710
Mervin W Hertzler						
Renita	2	5 3	305	14 653	5 1	745
Sadie	2	5 0	305	14 212	5 0	714
Irene	2	3 4	305	13 451	5 3	718

(Turn to Page E19)

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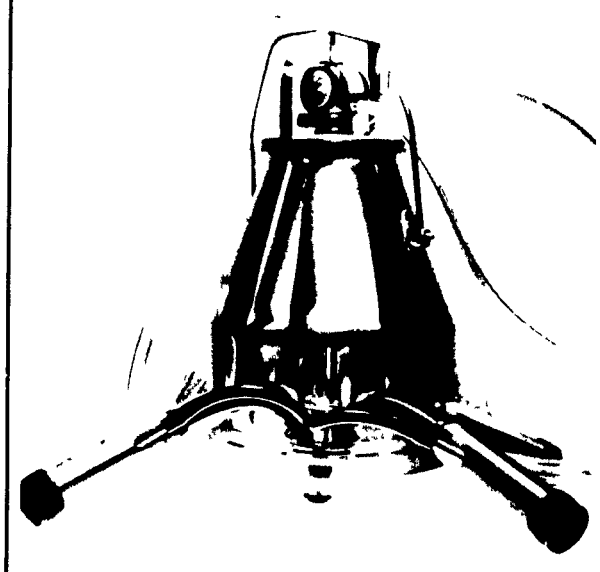

MILK BUCKETS

COMPLETE

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DeLAVAL TYPE	Hydro Pulsator.....	**$469.00**
BOU-MATIC TYPE	Electric Pulsator	**$459.00**
BOU-MATIC TYPE	Pneumatic Pulsator	**$419.00**

Includes Standard DeLaval or Bou-Matic Type Pulsator, Claw, 4 Shells with inflations, 60 Pound Pail, Lid, Gasket and Hoses

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York Co. DHIA

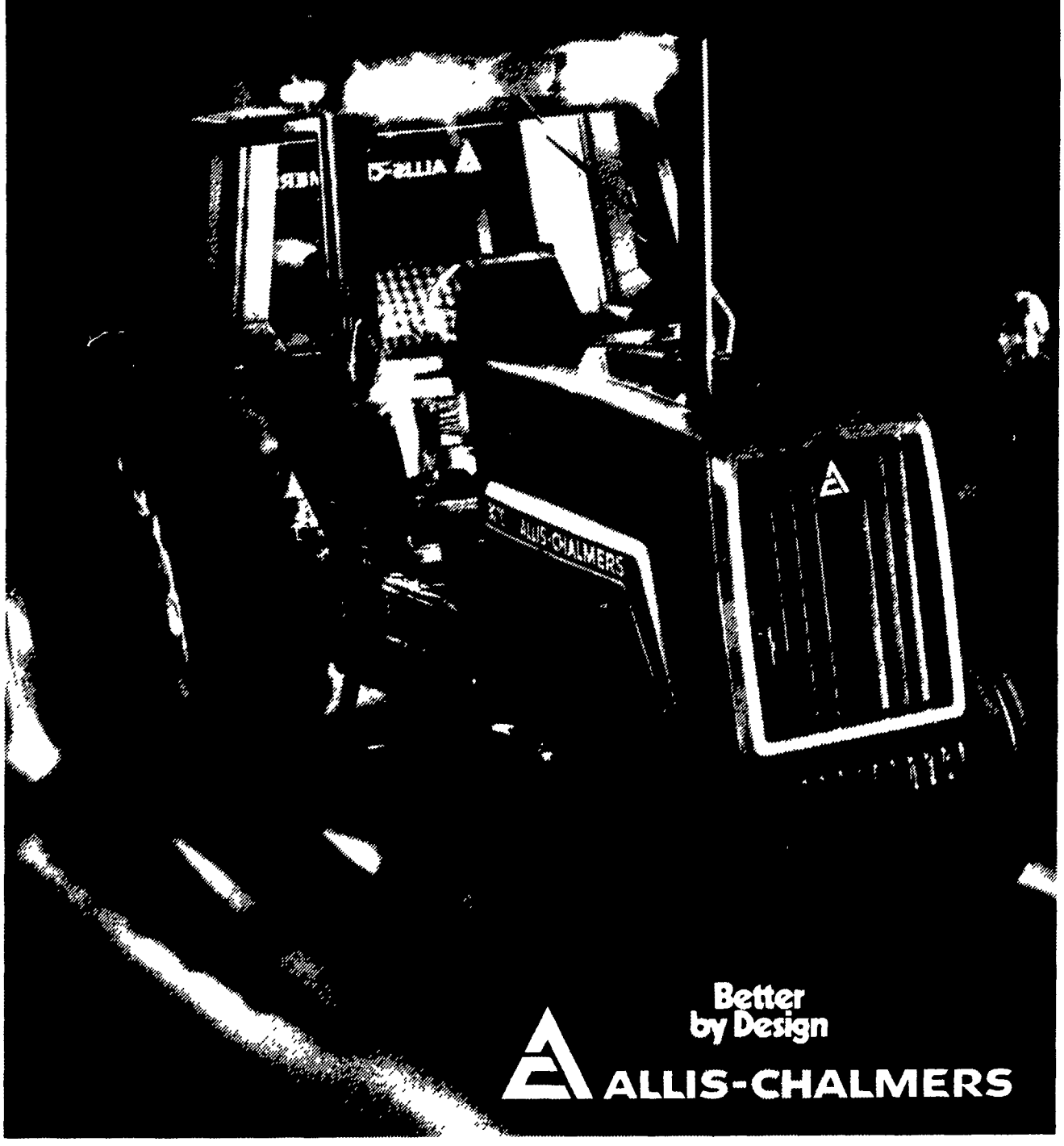
(Continued from Page E18)

Robert W Mays						
114	3	0 0	299	20 164	3 6	734
129	3	3 8	305	21 264	3 5	734
Dale L Barshinger						
75	3	5 3	304	18 775	4 1	771
Albert Neufeld						
33	3	7 2	305	18,808	3 8	723
107	3	8 1	305	17 752	3 8	678
125	3	8 2	305	19 536	3 4	667
102	0	7 1	305	17 572	3 7	656
24	3	3 6	305	20 780	3 2	675
Big T Holsteins						
Adell	3	4 2	305	21 097	3 6	750
Margie	3	4 2	303	17 832	3 7	656
Big Red	9	5 11	305	19 597	3 9	757
Charles Hess						
1	3	6 4	305	18 108	4 1	735
Walkers Farm						
401	3	8 2	305	20,483	3 4	688
8	3	13 2	305	19 671	3 5	695
23	3	3 2	296	16 485	4 9	810
Perrydell Farms						
134	3	5 2	305	15 931	4 2	664
194	3	5 3	305	19 543	3 5	684
William Druck Jr						
35	3	6 2	305	19 669	3 6	702

(Turn to Page E22)

See the new Allis-Chalmers tractors at the PA Farm Show.

TAKE A GOOD LOOK. GET A GREAT DEAL.



Better by Design
ALLIS-CHALMERS

We hope you'll stop and see us at the PA. Farm Show. It's a great time to see the all-new 8000 Series tractors as well as the rest of our new line. The closer you get to these tractors, the more you'll appreciate their performance, economy and comfort.

Four new 8000 Series models range from 106 to 170 PTO HP**

- All-new cab features 38% more room, 36% more glass area and luxury seating
- Front-wheel-drive at the flip of a switch in three models
- New fuel injection system for faster starting and less smoke
- Transmissions are further refined for smoother shifting

For big performance in two mid-sized tractors, check out the 6060 at 63 PTO HP** and the 6080 at 83 PTO HP**

- New cab is designed for operating comfort and convenience
- Best combination of torque and fuel economy In official tests, the 6080 had the best fuel economy and the best torque rise at 27% The 6060 had the best torque rise at 35%, and excellent fuel economy
- Both available in 2WD and FWD models

See the new Allis-Chalmers tractors and much more at the Farm Show. It's your chance to get a good look — and a great deal.

*Manufacturers maximum observed PTO horsepower at rated engine speed

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* Manufacturer's estimated maximum observed PTO horsepower at rated engine speed
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PENNSYLVANIA FARM SHOW SALE

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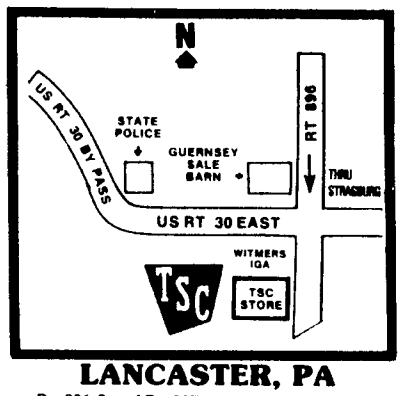
BOOTH # 138, 139, 140



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Rt 896 So of Rt 30E - Hartman Bridge Road
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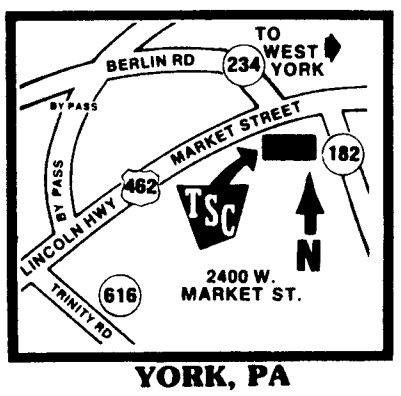

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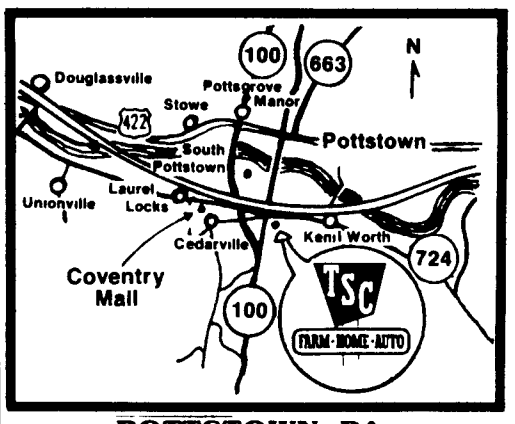

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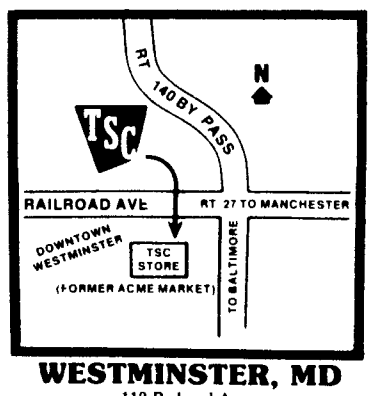

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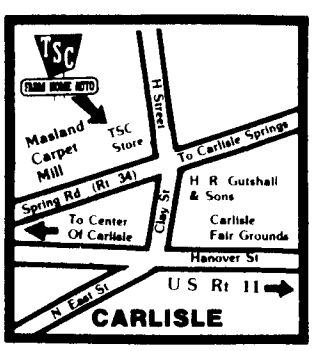

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- Gas Saving
- Protects Engine
- Quality Motor Oil
- Limit 24 Qts. Per Customer

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89¢

GAS LINE ANTI-FREEZE

- Stops Carburetor Icing and Gas Line Freeze-Up

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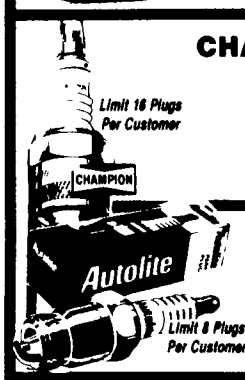
3 FOR 99¢ 11 oz.



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Limit 16 Plugs Per Customer

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88¢	**99¢**

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WINDSHIELD WASHER ANTI-FREEZE

- Protects Against Freezing to Minus 20° F

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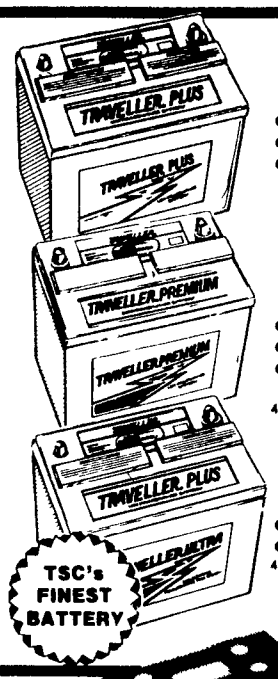
79¢ GAL.



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- 40 Month Limited Warranty
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- Fits 4 and 6 Cylinder Small Engine Cars with Standard Equipment 4 72401/72427

ALL SIZES O

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- Sizes to Fit Most American & Foreign Cars & Trucks

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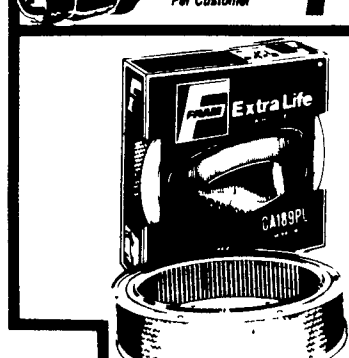

FRAM AIR FILTERS

- Increases Engine Protection and Performance
- Improves Gas Mileage

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YOUR CHOICE **3.49**

EXCEPT VW & GM DIESEL FILTERS

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CA192	1-41911	3.49
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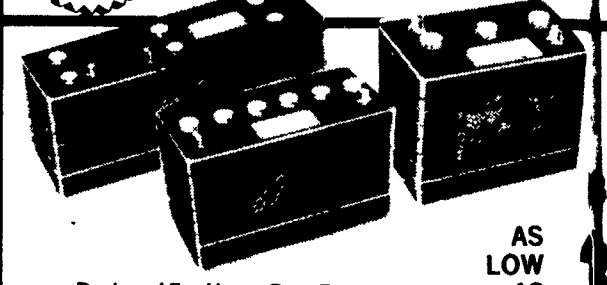
CA327	1 42276	3.49
CA351	1-42349	3.49
CA184PL	1-42098	3.49
CA3300	1 42501	3.49

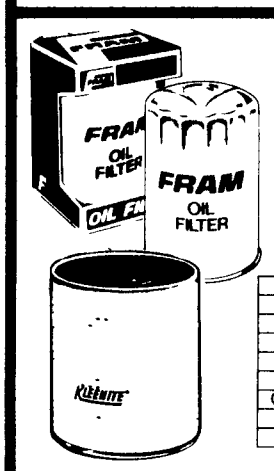


- Designed For Heavy Duty Farm Use
- Thicker Plates Resist Vibration

4-70506/70768

AS LOW AS GPI 58

TYPE
GPI (585 Amp. Hrs.) GP2,GP20H, GP8V1
GP24,GP3EE,GP8V2
GP60
GP3H
GP3ET,GP4H
GP3EH
GP5D
GP17TF
GP31
GP4DLT



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AS LOW AS **2.39** CH 335PL	YOUR CHOICE **2.69**

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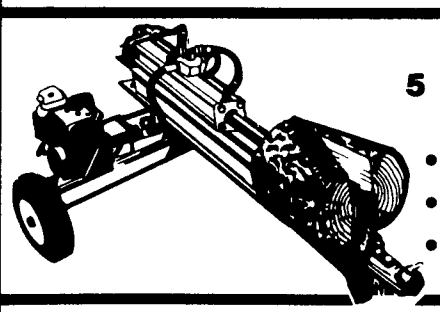
C 135	1 39037	2.69
C-136A	1-39011	3 99
C 139PL	1-40046	2.49
C 159	1 39176	3.39
CH 335PL	1 40088	2.39
PH 7	1 39126	3 19
PH 47	1 40096	7.19

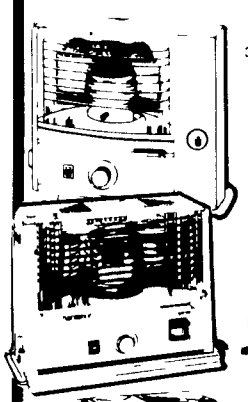
FRAM #	SKU #	SALE
PH8A	1 37019	2.69
PH11	1 37027	2.69
PH13	1 37035	2.69
PH25	1 37043	2.69
PH30	1 37051	2 69
PH43	1 37069	2.69
PH3387A	1 37077	2 69
PH3506	1 37085	2 69



5 HP GASO LOG SP

- 24,000 Lbs. Splitting Force
- Splits Any Diame Log Up To 26" Lo
- Two Stage Pump

21 52992



9,500 BTU KEROSENE HEATER

- Heats Up to 340 Sq Ft Area

30 70012

TSC PRICE	89.99
LESS MFG. REBATE	-20.00
YOUR COST AFTER REBATE	69.99

10,500 BTU KEROSENE HEATER

- Heats Up to 375 Sq Ft. Area
- Burns Up to 19 Hrs. on One Filling

30 70054

CLEARANCE

REGULAR **139.99** **99.99**

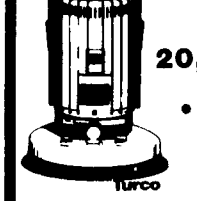
11,500 BTU FAN FORCED KEROSENE HEATER

- Heats Up to 425 Sq Ft Area
- Burns Up to 19 Hrs on One Filling

30 70088

CLEARANCE

REGULAR **169.99** **139.99**



20,000 BTU CONVECTION KEROSENE HEATER

- Heats Up to 715 Sq Ft Area 30 70127

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LESS MFG. REBATE	-20.00
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7.99 2 Gal
18.59 5 Gal

ALL FLEET DIESEL MOTOR OIL

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UNIVERSAL HYDRAULIC OIL

2 Gal 8-06383 **9.88**
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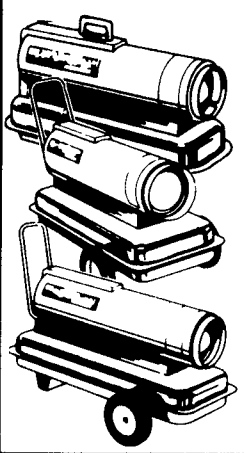

40,000 BTU PORTABLE SPACE HEATER

21-50241

179.99

97,000 BTU FORCED AIR HEATER

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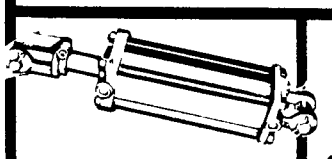
289.99

150,000 BTU FORCED AIR HEATER

21-50356

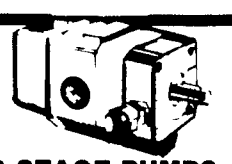
359.99



4x24 HYDRAULIC CYLINDER

- 2,500 Lbs. Working Pressure
- Up to 4,000 Lbs. Surge Pressure 18-37573

$125



2 STAGE PUMPS

MTE 18 15000
- 10 8 GPM @ 3600 RPM
- 5 H P Drive Requirement

99.9 KI

VIKING 18 15505
- 15 2 GPM @ 3600 RPM
- 8 H P Drive Requirement

$16 CL

3-POINT LOG SPLITTER

- Mounts To Cat. I Or II Tractor
- Delivers Up To 31,400 Lbs. Of Splitting Force

21 53003

3 PT FRAME ONLY **$179**

COMPLETE 3 POINT LOG SPLITTER PACKAGE

- Contains Everything Needed To Build Your Own 3 Pt Log Splitter (Hoses To & From The Tractor Not Included)

SPECIAL PKG. PRICE

391.93 REG. 484.93

SEPARATE COMPONENTS AVAILA

ITEM	PCS REQ'D	SKU#
3 PT FRAME	1	21-530
4 x 24 CYLINDER	1	18 375
KICK-OFF VALVE	1	18 203
1/2x24-2 WIRE HOSE	2	18-192
90° ½MX ½F FITTING	2	18 183
90° ¾MX ½F FITTING	2	18 187

LIMITED STOCK!

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199.00	179.00
149.00	125.00
77.99	64.99
6.49 Ea.	4.99 Ea.
2.99 Ea.	2.49 Ea.
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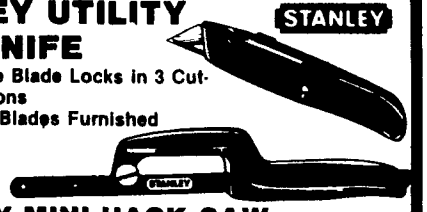
LOG SPLITTER KICK-OFF VALVE
64 99
69 99

YOUR CHOICE 2 99

STANLEY UTILITY KNIFE
- Retractable Blade Locks in 3 Cutting Positions
- Two Extra Blades Furnished

38 30640



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- Does Everything a Big Hacksaw will do

38 31086

STANLEY SURFORM POCKET PLANE
- Ideal Plane for Cutting and Trimming
- Fits in Apron or Overalls

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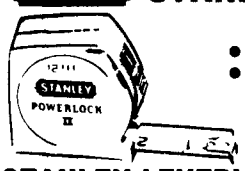
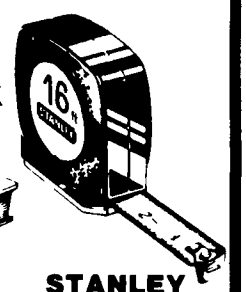
STANLEY COMBINATION SQUARE
- 12" Blade
- Level Vial in Handle for Maximum Versatility 38 30307

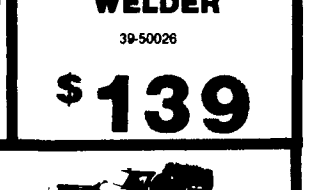
YOUR CHOICE 6 99

STANLEY POWERLOCK RULE
- ¾" x 12'
- Power Return 38 30739



STANLEY LEVERLOCK RULE
- ¾" x 16'
- Power Return w/Automatic Bottom Lock 38 30810





STANLEY 24" MAGNESIUM LEVEL
- 3 Replaceable Vials
- 360° Reading
- 48" Long 38 30315

STANLEY WONDER BAR
- 13" Forged Steel Bar

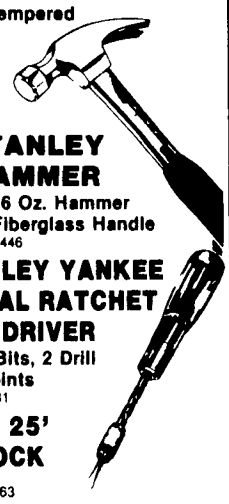
38 30616

YOUR CHOICE 9 99

STANLEY HANDYMAN HAND SAW
- 26" Saw Features Tempered Steel Blade 38 30323

STANLEY FIBERGLASS HAMMER
- 16 Oz. Fiberglass Handle
- Vinyl Grip

38 25166

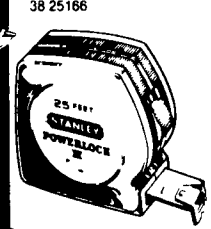


STANLEY HAMMER
- 16 Oz. Hammer
- Fiberglass Handle

38 30446

STANLEY YANKEE SPIRAL RATCHET DRIVER
- 2 Bits, 2 Drill Points

38-30331



STANLEY 25' POWERLOCK RULE 38 30763

ENTIRE STOCK MEN'S & BOYS' COATS & JACKETS
63-13249/19354

40% OFF

TRACTOR & IMPLEMENT ENAMEL
- Protects Metal Surfaces From Rust

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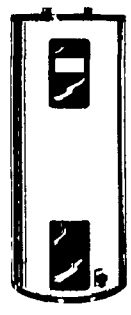
SPRAY	2 49
QUART	4 49
GALLON	12 99

WATER SOFTENER SALT
- Produces an Ideal Brine for Regenerating All Types of Water Softners
- Won't Channel, Cake, or Bridge 25 16748/17590

3 25 50 Lb. Bag
3 10 10 Bags Or More



WATER HEATERS
- 5 Year Replacement Guarantee Against Leakage

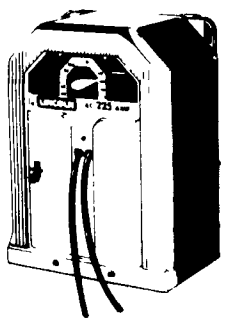
40 GAL. ELECTRIC 31 21009	119 99
40 GAL. NATURAL GAS 31 21059	139 99
40 GAL. LP GAS 31 21067	164 99

RABBIT PELLETS
- Guaranteed Analysis

Crude Protein	16.0%
Crude Fat	2.5%
Crude Fiber	14.0%

25 24006

7 65 50 Lb Bag
7 45 10 Bags Or More



225 AMP ARC WELDER

39-50026

$139

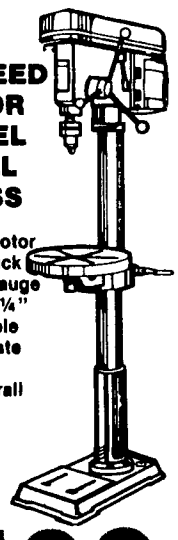
37% RANGE BLOCK
- Protein & Vitamin A & D Supplement for Cattle, Sheep, & Goats

25 12362/12370

4 25 33⅓ LB. BLOCK
246 00 TON

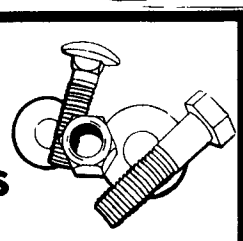
12 SPEED FLOOR MODEL DRILL PRESS
- ¾ HP Motor
- 5/8" Chuck
- Depth Gauge
- 9¼" x 9¼" Adjustable Work Plate Form
- 64" Overall Height

38 93143



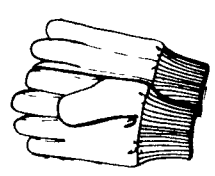
$199

NUTS AND BOLTS



GRADE 2 35-99993 **99¢**

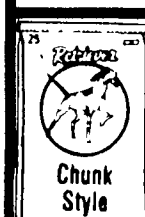
HARDENED GRADE 5 35-55559 **1 69**



12 PR. PK. GOLDEN CHORE GLOVES

63-01771

11 99 DOZ.



RETRIEVER CHUNK STYLE DOG FOOD

22 58984

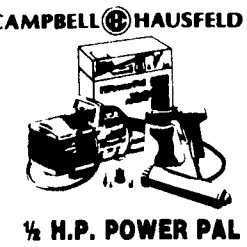
4 19 25 LBS.

RETRIEVER CAT FOOD

22 59003/59011

1 49 4 LBS.
6 99 20 LBS.

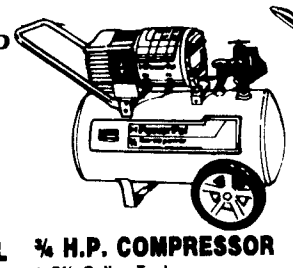
CAMPBELL HAUSFELD



½ H.P. POWER PAL
- Adjusts from 10 to 100 PSI
- 1 Year Limited Warranty

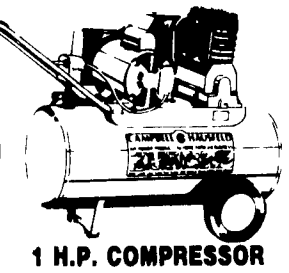
34 33993

129 99



⅜ H.P. COMPRESSOR
- 7½ Gallon Tank
- Air Delivery at 40/90 PSI 2 7/2 0 CFM 34 34046

169 99



1 H.P. COMPRESSOR
- 11 Gallon Tank
- 115 Volt, Delivers 3 4 CFM at 40 PSI 34 34062

249 99

1 H.P. COMPRESSOR SUBJECT TO STOCK ON HAND.

"SATISFACTION ALWAYS" TO OUR TSC CUSTOMERS

HOURS:

All Stores, Mon.-Thurs.: 8 AM to 6 PM
Sat.: 8 AM to 5 PM
Pottstown & Westminster, Fri.: 8 AM to 8 PM
Other Stores, Fri.: 8 AM to 9 PM

dhia
Pennsylvania Dairy Herd Improvement Association

Schuylkill County DHIA Monthly Report

November Report
SOMATIC CELL COUNT REPORT

The county average dropped below 300,000 down to 270 000 — only one herd over 500,000

Three herds had averaged counts below 100 000 Now that

York Co. DHIA

(Continued from Page E19)

Fawn Meadow Holstein						
87	3	6 4	305	19 078	3 7	698
89	3	6 4	305	19 093	3 6	696
118	3	5 3	291	16 693	4 3	716
Double D Farm						
D 162	3	3 0	301	21 712	3 5	765
Deal Holsteins Farm						
63	3	5 5	292	20 443	3 3	670
70	3	5 11	305	17 058	4 0	690
73	3	5 5	305	17 096	4 0	678
89	3	5 0	305	20 844	3 4	701
Cool Branch Farm						
Kay	3	4 4	305	17 694	3 7	662
Janet	3	5 9	305	20 323	3 4	690
Lonnie Robinson						
Libby	3	3 5	305	17 029	3 9	660
13	3	7 0	305	19 662	4 4	871
Jim & Holly McCaffree						
Lass	3	5 9	303	23 161	3 7	851
Marion	5	4 9	305	26 421	3 9	1042
Mc Ral Dairy Farm						
191	3	3 4	305	22 811	3 9	892
193	3	3 7	305	25 505	2 7	700
William Ruppert						
9983	3	3 1	305	20 704	3 5	730
Wayne E Myers						
Gretel	3	10 10	305	20 946	3 1	650
Fifi	3	3 0	305	19 388	3 9	753

is stiff competition for low herd honors but Jere Gearhart with a count of 81,000 came out on top ahead of George Hinkle with a 93,000 count and Elam Stoltzfus with 95,000

ROLLING HERD AVERAGE

The following are reported from the production report for November 1 based on a 365 day Rolling Herd Average Only those herds with an average production of 600 pounds or more of butterfat are reported

OWNERS	NO. COWS	LBS. MILK	LBS. FAT
Carl A Farms	64 3	21,236	840
Paul&Ken Wagner	58 0	20,682	758
Miller&Rex Inc	34 1	18 313	708
Brian Ruch	27 4	18 118	707
Heisler Brothers	67 9	18 776	705
Suntrail Dairy Farm	47 5	18 770	693
Bruce Leatherman	80 5	19 456	678
James Rodichok	63 1	17 516	676
Raymond Reichwein	36 9	17 715	675
Jere Gearhart	37 3	17,329	674
Elam Z Stoltzfus	42 1	19 041	671
William R Daubert	100 3	15 695	662
Snyder Brothers	73 5	18,195	659
George Hinkle	73 3	17 670	647
Melvin E Stoltzfus	39 8	19 451	632
Dawn F Rhein	60 1	13 242	631
Leon C Hepler&Son	59 7	17 309	617
Henry J Reiner	27 1	16,538	609
Wilbert Moyer	36 7	17,092	607
Elam Stoltzfus	56 5	14,288	605
Kermit Kahler	51 7	13 244	600

Lactation Report

The records are based on 305 days or less 2x actual production

OWNER NAME or NUMBER	AGE		LBS. MILK	LBS. FAT
Carl A Farms				
Prissie	3	0	27,018	1062
Carl A Farms				
Boots	5	9	26 051	1023
Carl A Farms				
Frenchi	7	10	27 395	997
Carl A Farms				
Edie	4	11	23 883	984
Paul&Ken Wagner				
Sharon	5	11	24 444	946
Carl A Farms				
Franie	5	10	23 430	940
James Rodichok				
Brit	4	0	21 332	906
Carl A Farms				
Ingrid	7	3	21 215	843
Melvin E Stoltzfus				
Rosella	5	4	24 960	831
Jere Gearhart				
Tish	3	1	22 062	800
William R Daubert				
Darlene	5	0	18 560	783
Paul&Ken Wagner				
Karen	4	10	23 349	780
Elam Stoltzfus				
52	0	0	15 127	779
Dawn F Rhein				
Cowslip	5	4	16,106	772
George Hinkle				
43EG	5	7	20 277	771
Carl A Farms				
Plum	3	5	20,031	765
William R Daubert				
Elaine	3	2	17,568	765
William R Daubert				
Rebecca	4	5	18,285	758
Raymond Reichwein				
Pip	4	0	21,921	757
George Hinkle				
69RC	3	0	21 328	754
Bruce Leatherman				
Estelle	5	8	20 007	753
William R Daubert				
Hilary	2	10	15 206	753
John P Leatherman				
Melle	11	6	23 164	745
George Hinkle				
25RC	6	9	18 367	742
Miller&Rex Inc				
Sally	5	2	21 133	725
Elam Stoltzfus				
51	0	0	16 188	715
Raymond Reichwein				
Spot	2	4	17,070	714
Leon C Hepler&Son				
Daisy	9	8	17 500	713
Dawn F Rhein				
Barb	4	11	12 852	706
Jersey Acres Farms				
Olive	3	2	12 564	706
Dawn F Rhein				
Kay Kay	6	3	17 123	701
Suntrail Dairy Farm				
Heidi	3	1	20 751	700

WHAT THIS MAN KNOWS ABOUT FARMING COULD FILL A BOOK... A BANK BOOK.

Farming. It's a complex business. No surprise to you, of course. We only mention it because when it comes to getting a farm loan, we know you don't want to have to start at ground zero and explain the expenses of livestock, machinery, construction, mortgages and operating expenses to a novice loan officer.

Which is why we suggest you turn to Bob Badger, the head of our Agricultural Loan Division. Bob knows farming — inside out and upside down. He's been helping our community's farmers meet their business objectives for years. So when it comes to farm loans, he takes a very interesting point of view. Yours.

Next time you need to talk to a banker about financing your business, talk to the banker who understands your business. . . Bob Badger at Bank of Lancaster County. Visit Bob at our Strasburg office or give him a call and ask him to visit you.

Bank of Lancaster County
Member F.D.I.C.
Agricultural Loan Division
Center Square, Strasburg
299-4306

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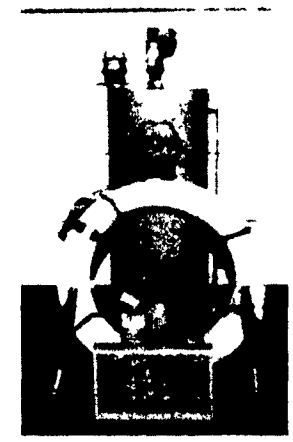
GVM FOAM MARKER

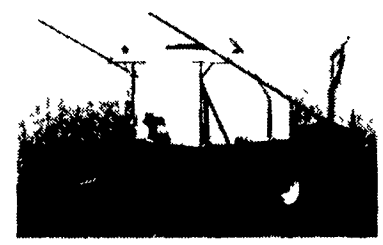
Mark your swath as you spray and eliminate expensive overlapping with the dependable GVM FOAM MARKER. Ideal for use on sprayers, spreaders or notill planters.



FEATURES:

- Cab or tractor mounted control box, hose, fittings and blobbers included.
- 12 volt motor and piston compressor
- 22 gallon horizontal or 30 gallon vertical tank (40 gallon extra).

List Price	Special Price
$1395.00	$1060.00



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RELIABILITY AND DURABILITY BUILT RIGHT IN

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$4420.00	$3359.00

MI Pull Sprayers Features:

- 625 gallon Nowesco tank with sparger tube
- 9000 Hypro Gear Pump
- 35 foot Stainless Steel booms with shocks
- Adjustable Wheel Width
- Three section electric shutoffs
- Electric pressure gauge
- Adjustable boom height
- 11 L x 5 tires

OFFER ENDS 2/1/84

DISTRIBUTORS OF:
- Blender Plants and Conveyors
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- Polyethylene Tanks
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- Dry Spreaders and Tenders
- Hi Boy Sprayers

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- Pull type Sprayers
- Foam Markers
- Nozzle Alerts
- Nozzle Check Valves
- GPA Meters Total Gal Meters
- Electric Boom Pressure Gauge

Blair County DHIA Monthly Report

dhia
Pennsylvania Dairy Herd Improvement Association

Report For November
Twenty High Herds

The twenty high herds for the month of November are listed as follows

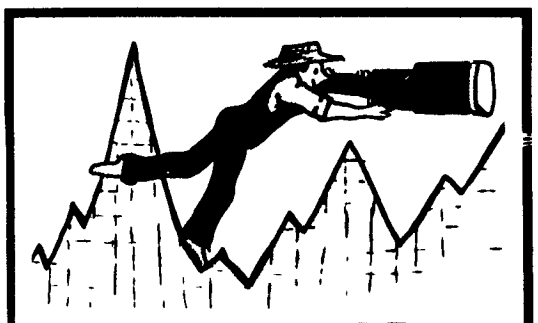
OWNER	NO. COWS	% DAYS IN MILK	LBS. MILK	LBS. FAT
Thomas W Kelly	64 3	88 9	19,543	723
Marcove Farm	67 5	84 1	19,307	712
Fred Bechtel	72 5	88 7	19,425	697
Richard R Fox&Sons	42 5	84 3	18,314	696
Blackcrest Farms	67 4	87 0	18,491	693
Sheldon Fleck	73 8	87 6	17,897	687
Clover Will Farms	141 7	87 5	18 953	687
Penn England	90 7	87 8	17,911	677
James Smith	38 2	93 0	19,591	676
Over Lane Farms	69 6	90 4	18,112	672
GW&RG Baker	70 7	91 0	18,401	668
Dale W Hoover	35 3	89 2	18,211	665
William R England	156 7	87 8	19,033	663
Richard Heltzel	36 2	87 9	18,107	663
Lar Ann Farm	114 1	86 1	17,952	663
Dawn Baker	104 5	87 3	18,382	661
Charles&Mike Hoover	96 4	85 7	18,267	657
Burket Falls Farm	84 0	90 4	17,440	654
Mary Walters	66 6	88 9	15,187	654
G Wayne Smith	69 4	88 0	17 802	652

HIGH COW

The high cow for the month is a grade Holstein in the Sheldon Fleck herd Mandy at 6 yrs 6 mos , produced 27 674 pounds of milk and 1116 pounds of butterfat in 305 days

Individual Cow Records of 305 Days
Or Less Over 750 Pounds Butterfat

OWNER NAME OR NUMBER	BRD	AGE	LBS. MILK	% FAT	LBS. FAT
GW&RG Baker					
214	RH	5 1	24 587	3 1	766
Burket Homestead Farm					
Barb	RH	7 8	20 609	3 6	732
Over Lane Farms					
2	GH	7 2	21 812	3 7	814
165	GH	3 4	19 628	4 0	782
Smith Hollow Farms					
178	RH	3 11	18 240	4 0	721
237	GH	2 0	18 455	3 8	702
Mary Walters					
BBLO889	RH	6 0	25 362	3 6	907
CEES948	GH	4 3	19 076	4 3	828
Joe McCutcheon					
Y75	GH	4 7	22 355	3 4	758
Steele Farms					
38	GH	5 3	19 709	3 6	711
Curryview Farms					
Josette	RH	3 1	21,410	3 6	771
Harold Yingling					
29 Viol	GH	7 3	19 119	3 9	740
103 Rbel	RH	6-4	20,812	3 8	801
124 Trud	GH	4-1	19,560	3 7	723
Oswald Bros					
Beauty3	RH	8 2	21,325	3 6	770
Marcove Farm					
Alma2	RH	3 3	17 541	4 0	707
Burket Falls Farm					
411	RH	6 4	20,434	3 7	748
Robert A Good					
557	GH	5 4	18 960	3 7	707
Emile Dilling					
Jean45	RH	8 7	18,970	4 0	762
Gerald Burket					
Bess	GH	7 8	26,779	2 7	718
Lass	GH	7 2	28,306	2 5	704
245	RH	7 7	18,641	3 9	722
Fred Bechtel					
Robyn	RH	5 7	29 050	3 5	1016
Amy	GH	3 11	20 517	3 6	743
Daisy	GH	3 10	25 247	3 6	901
William&Larry Baker					
Polly	RH	8 4	20,450	4 0	828
Blackcrest Farm					
68	RH	3 7	18,043	4 0	723
73	RH	3-2	20,335	3 8	769
76	RH	3 2	19 858	3 6	721
Sheldon Fleck					
Termite	GH	7 7	30 292	3 1	944
Mandy	GH	6 6	27,674	4 0	1116
Jessie	GH	4 7	21 814	3 9	854
Pebbles	GH	4 6	20 025	4 1	824
Spunky	GH	3 7	18,416	3 8	702
Lori	GH	2 6	17 536	4 4	767
Richard R Fox&Sons					
Whittie	GH	7 6	18 452	4 4	804
C Eugene Smith					
15R	GH	5 0	15 958	4 5	712
57	GH	3 0	16 315	4 4	717
W Dean Stern					
O95	GH	4 0	19 453	4 0	774
Leonard Burket					
12	GH	5 2	23 700	3 4	798
William E England					
100C	GH	4 6	18 083	3 9	703
Aldon Acres					
Daisy	GH	12 11	18 555	3 8	704
Dawn Baker					
238	RH	8 0	22,752	3 4	768
344	GH	5 2	20 565	3 6	740
347	GH	5 8	20 405	4 0	807
Phillip E Pheasant					
Kelly	GH	7 3	20,281	3 8	765
Lar Ann Farm					
Sadie	RH	7 8	20,212	3 8	760
Alice	RH	3 1	25,297	3 4	848
Sev 141	RH	3 2	21 966	3 8	845
Tonya	RH	2 11	17,769	4 0	703
590	RH	4 6	21,095	3 6	768
Thomas W Kelly					
Becky	RH	6 3	25,128	3 5	881
Brilant	RH	2 2	21,656	3 9	844
Julius Replogle					
Scum	RH	5 1	18,671	3 9	724
Bonus	RH	4 4	18,143	4 2	758
D&R Sollenberger					
2	RH	4 3	19 062	4 4	831
Walter Keller					
217	RH	5-4	18,207	4 1	745
Mark Slagenweit Jr					
Lulu	GH	4 3	21,944	3 3	716
Fanny	GH	3 7	25,911	3 0	765
Charles&Mike Hoover					
Glory	GH	4-9	18,096	4 0	720
Ronnie	RH	4-10	21,267	3 5	740
Petunia	RH	8-2	20,812	3 9	803
Sparkling Springs Farm					
248	GH	6 2	22,023	3 6	785
45	GH	4-0	17,748	4 0	717
107	GH	3 0	17,679	4 0	703
39	GH	2 4	17,851	3 9	705
Sollenberger Farms					
6	GH	6 2	18,249	4 4	796
Richard Heltzel					
Mildred	RH	5 2	19,340	4 7	918
Penn England					
Starlit	RH	6 11	21,663	3 8	813
78	GH	4 2	17,127	4 5	764
Clair S Hursh					
37	RH	6 2	23,917	4 2	1010
112	RH	5 7	19 523	3 8	743
65	GH	4 3	18,245	3 9	709
EP&DL Stonerook					
Star	RH	5 3	22 751	3 2	732
Elsa	GH	4 1	21,468	3 7	793



THINK AHEAD...
Read Futures Markets on Page 3.

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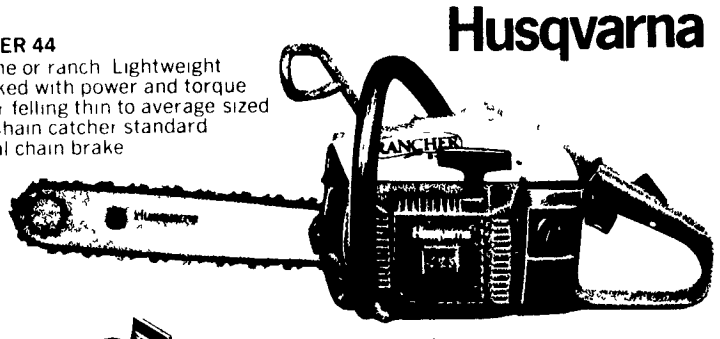
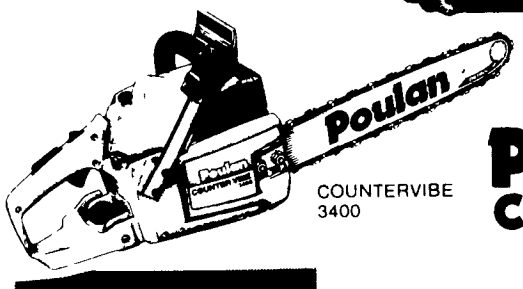
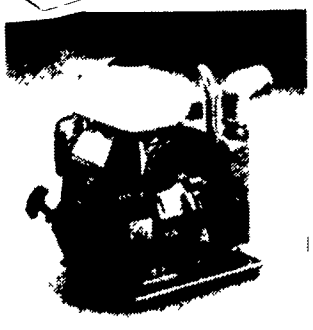




COUNTERVIBE 3400

Poulan Chain Saws



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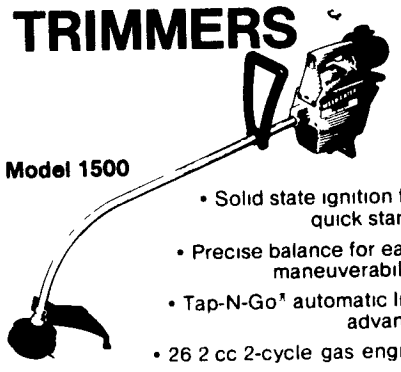

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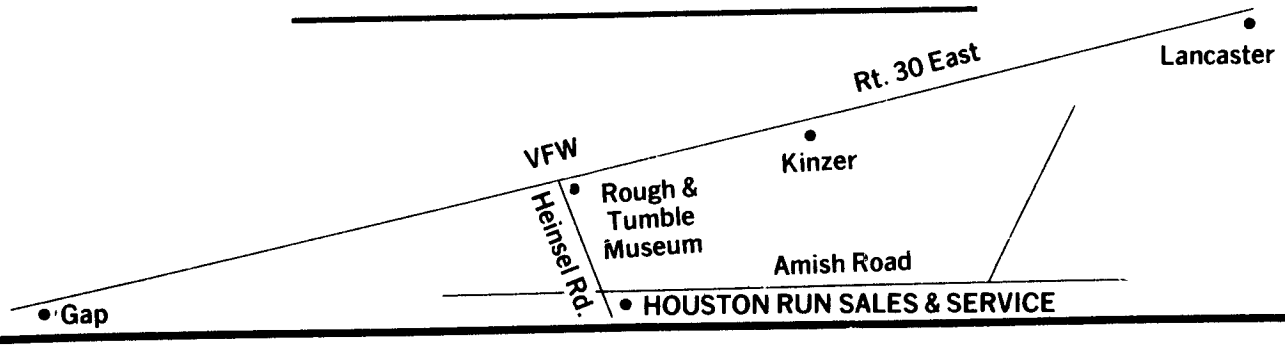

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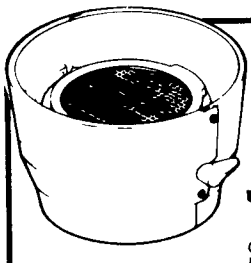

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- Increases Heat Output
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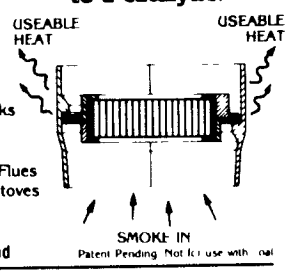

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Football scores, explaining birth

Welsh family practices PR at Farm Show

BY JOYCE BUPP
Staff Correspondent

EAST BERLIN — Sunday afternoon visitors to the Farm Show often pause near one of the numerous portable televisions brough along by livestock exhibitors for entertainment, and a quick update on the day's latest football scores.

Last year, spectator requests for the latest score on a particular football battle came so frequently that Brown Swiss 4-H dairy exhibitor Mike Welsh devised a "scoreboard" for their benefit.

"There were so many people asking the score and what quarter it was that I took a piece of paper and stuck it on the television aerial," recalls Mike with a grin of remembrance.

"As the score and the quarters changed, we'd change the paper."

Relaying football scores was just the beginning of a week of communicating with the record Farm Show crowd that kept Mike, his mother Emilie, and brother Tom and his wife Carol, talking endlessly last year.

When their Sandrock R Vivian gave birth to a bull calf early in the week, the crowds gathering around the Welsh's Ponderosa farms exhibit area grew even thicker.

Few occurrences at the Farm Show draw more attention than the birth of a calf, and "Elmer," as the youngster was named, provided the Welshs with an excellent opportunity for public relations chatting.

"There were so many questions," relates Emilie. "Lots of people don't understand, for instance, why heifers don't have udders. That was just one thing we could explain."

As hundreds stopped by to pet the calf and talk to the big cow that had taken first place in her class, the personal touch that crowds appreciate from the Farm Show exhibitors gave the Welsh's a chance to talk dairying.

"People don't seem to be in a real big hurry when they come to the Farm Show," figures Emilie. "They want to visit with the exhibitors, and spend some time finding out what is happening in agriculture."

Farm Show participation for the James Welsh family, East Berlin R1, began back with their four sons' 4-H project animals. While the Ponderosa herd was primarily Holsteins, each of the youngsters also raised and exhibited colored breed individuals as well.

Gary and Joey, the two older sons, are no longer involved in the dairy operation. Third son, Tom, and his wife Carol, have joined the family farm and own their own string of Brown Swiss, tracing back to Tom's 4-H animals. Eight of their best are headed for this year's Farm Show competition.

Mike, the youngest of the Welsh's sons, led a little Jersey calf on his first trip into the 4-H showring as an eight-year-old rookie. As she grew and developed, Sibyl earned Mike numerous championships during her half-dozen years of tanbark competition, and remains in his 4-H herd.

Then, in 1978, while attending the Mid-Atlantic calf sale, Mike selected a Brown Swiss calf for project work.

Mike Welsh and his NAILE junior champion, Welsh Ponderosa Kings Bobbi Jo, launch a new year of showring challenges, beginning with this week's Farm Show.

Bred by Chris Morley of Bel-Air, Maryland, McCoy Delegate Princess went to the 1979 Farm Show as Mike's junior calf. He's brought her back every year since.

Now six years old, "big" Princess holds several York Fair open class and 4-H championships and was a junior champion winner at the Farm Show.

But it was her daughter, "Welsh's Ponderosa Titan Princess," affectionately called "little Princess," that Mike exhibited to show circuit history earlier this year.

Competing in the junior show at the November North American International Livestock Exposition in Louisville, Kentucky, "little Princess," showing as a youthful two-year-old, claimed first in the class, senior and grand champion and capped that off with the award as best bred and owned female at this national junior Brown Swiss competition.

Her winnings topped Mike's claiming earlier in that show of the junior champion honors with junior yearling Welsh Ponderosa Kings Bobbi Jo.

Welsh's taking of all the top trophies marked the first time in the NAILE junior Brown Swiss show history that one exhibitor made a clean sweep of all the honors.

The Welsh's move toward Brown Swiss actually began back in 1974, when neighboring dairyman Paul Myers dispersed his dairy herd. Abigail not only became the first

(Turn to Page E26)

Welsh Ponderosa Titan Princess -- grand champion, best-bred and owned at NAILE junior show.

A little stall rest time is needed by both Farm Show entries and exhibitor, Mike Welsh.

Evaluating their Brown Swiss heifer herd for Farm Show entries are Mike and Emilie Welsh, R1 East Berlin.

With a collection of winning banners from past shows to be featured in Farm Show display, Mike Welsh packs gear for fitting his 4-H entries.

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China sees soybeans in new light

ST. LOUIS, Mo. — The People's Republic of China is seeing soybeans in a new light as it updates its food industries. After 30 years of isolation, China is learning new technology for soybeans, a food source centuries old.

China needs a nutritional, adequate food supply to support its population. More than one-fifth of the world's people call China home, and more than one-third of those people are under age 15. With a high birth rate and long life expectancy, China's population of one billion is projected to grow by 400 million by the year 2000.

China was one of the first countries to discover the soybean. Centuries ago, China began using soybeans as food. While China isolated itself, technicians and researchers in other countries discovered the soybean and developed new processing techniques and food uses for it.

Dr. Joseph Rakosky sheds light on modern soybean use. He is a soy protein consultant for the American Soybean Association (ASA). ASA builds farmer profits by developing markets for soybeans.

Rakosky traveled to China recently for ASA to relate U.S. soybean developments to the Chinese. "It is in our best interest to work with the Chinese to increase soy use in foods," Rakosky says. "China is a country with a land problem; tillable land on which to grow food for so many people is scarce. Agriculture claims almost 249 million acres, or about a quarter of an acre per person. Japan has more than twice as much cultivated land per capita, India three-and-a-half times as much and even Bangaladesh and Indonesia are marginally better off. China buys only limited quantities of U.S. soybeans now, but land limitations mean it will have to import more soybeans to meet future demand."

He adds, "China sees soy as a food solution. Processors want to use it as protein in infant and baby foods, in foods for the elderly, and in snack, convenience and frozen foods.

"They have a lot of interest in soymilk. China has a short supply of cow's milk. The government gives it only to very young children and people who medically need it. China has some soymilk production, but soymilk lacks consumer popularity. Processors need modern flavoring and processing techniques to mass produce and appealing product."

During Rakosky's three-week trip he held technical seminars on soybean processing, soy protein and soy foods. He toured and answered questions at processing plants in Beijing, Harbin, Shanghai, and Wuxi.

"Overall, the Chinese have a lot of catching up to do," says Rakosky. "Typical of developing countries, they want to make everything themselves. I tell them they don't need to make their own mistakes to learn. The U.S. soybean industry can supply them with raw soybeans and protein products. It is to both of our advantages."

HE observes that China's soy processing industries need better communication between each other and with government ministries.

"Sometimes the right hand doesn't know what the left hand needs," Rakosky says. "Suppliers and users don't have the same quality specifications for product materials. Some users manufacture their own raw supplies because what the suppliers give to them isn't good enough to make their product."

Rakosky recommends aggressive marketing of new products. "The Chinese make new products and put them on the grocery shelf... and that's it. Consumers must take all initiative in trying them. Many soy products would fare better if people knew they were buying high protein nutritious food."

Rakosky gives china high marks for industry improvement. "The Chinese want their soy industry to grow," he says. "They are very proud of quality and recognize soy food value. The Chinese food processors are learning very fast and building model plants.

"China is not looking for a handout. They will pay for this technical exchange one way or another," predicts Rakosky. "We may not have orders for U.S. soybeans yet, but China is going to outgrow its soybean supply; and U.S. soybean farmers will be there to fill the soybean void."

Order 4 reg changed

WASHINGTON, D.C. — The U.S. Department of Agriculture has suspended certain provisions of the Middle Atlantic federal milk marketing order for December 1983 through February 1984.

Edward T. Coughlin, dairy official with USDA's Agricultural Marketing Service, said the action suspends the requirement that limits diversions of milk directly from dairy farms to nonpool plants. He said Inter-State Milk Producers' Cooperative requested the suspension.

Basis for the action is the anticipated change from pool to nonpool status of three distributing plants associated with the market. These plants, which are outlets for a significant proportion of Inter-State's milk supply, have increased their Class II uses of milk while their Class I sales have remained constant or declined.

Coughlin said that this situation could result in increasing Inter-State's diversions above the limits of the order. No comments opposing the suspension were received by AMS during a recently ended public comment period and two other cooperative associations expressed support for it.

Welsh family

(Continued from Page E24)

Swiss to dot the Welsh's Holstein herd with brown, but the first as well to go to Farm Show competition under the Ponderosa sign.

Since Abigail's acquisition, the family's collection of Swiss has steadily grown through breeding and additional pruchases.

But tragedy struck in March 1982, when a fire swept through part of the dairy replacement raising area, killing ten calves, most of them offspring of 4-H cattle families. Among the ten lost to the flames were four top Brown Swiss.

A large percentage of heifer calves born this past year has helped to compensate for the tragic loss and swelled Mike's own herd of Swiss to 18.

"Someday I'd like to merchandise them," says the veteran dairy exhibitor, a sophomore at the York County Vo-Technical school, purusing studies in woodworking and cabinetry.

In the ten years since the Welsh family has been increasing their Swiss entries in Farm Show competition, they've seen the breed grow in popularity.

"There's a lot more competition in this breed now than there was when we first began showing them," says Emilie.

Pennsylvania Brown Swiss Association president Don Trimble confirms that view.

"The most dramatic increase has been in the last couple of years," affirms the Quarryville Swiss leader. "Dairy farmers are adding them to their herds to boost butterfat and protein, and there are a few more showing.

Trimble figures the trend toward colored breeds in general will continue, boosted by industry moves toward replacing the butterfat pricing standard with one of component or protein pricing.

There are currently about 300 Brown Swiss organization members in Pennsylvania, according to state secretary Audrey Queitzsch of Mifflintown.

"In 1982, there were about 60 new Brown Swiss breeders in Pennsylvania," she says. "Our goal for 1984 is to sign up those new breeders as association members."

Most of those are dairymen adding Swiss to their herds of Holsteins, with the goal of boosting their protein, solids and butterfat. Pennsylvania, Iowa and Wisconsin now are the three predominant centers of Brown Swiss, according to the secretary.

So the trend toward increasing numbers of Swiss, like the outstanding herd being bred by Mike Welsh, can bode only good news for the merchandisers of these gentle, big, brown cows.

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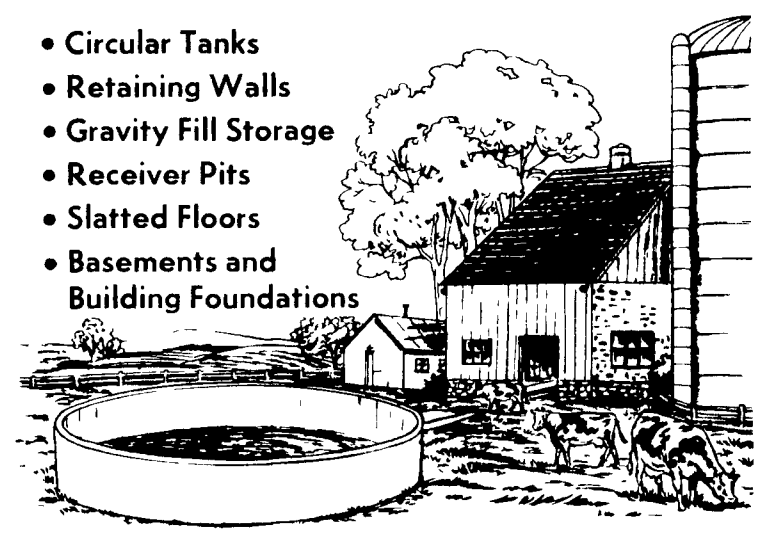

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Milk contracting considerations

Lower milk prices and higher costs for feed and other items mean that many dairymen have a serious cash flow problem. Tightening the management belt can keep financial problems at a minimum. Here are some pointers from Richard S. Adams Penn State Agr. Extension Dairy Specialist, that may be of help.

Buy wisely

This should always be the case, but it is essential in the coming months cautions Adams. Corn and protein supplement may not be economical, if you are buying grain. Non-protein nitrogen (NPN) should be considered by good feeders. Small grains and certain by-product ingredients may enter least-cost formulas that are nutritionally sound as well as economical. Often it is possible to save 5 to 10% on purchases of feed and the many other supplies needed on a dairy farm by checking prices with several sources for items of comparable quality. One must also consider service in choosing a supplier. Make-up a call list for supplies and purchases from concerns that can furnish the most items especially volune ones, at the best prices and with adequate service. Don't over pay for supplies in order to get a limited amount of service for "free", such as soil or forage testing and feed programming. Cost such things out and then make a decision.

Reduce Concentrate levels

The average milk cow in Pennsylvania is fed about 1 pound of concentrate per 2½ pound of milk produced, whether in DHIA or not, according to Adams. This often is a heavier level of concentrate intake than is necessary to support the level of milk production involved or to balance the quality and quantity of forage in the ration. Also, concentrate to milk price ratios in recent years and currently projected ones do not justify such a narrow ration or such heavy feeding of concentrate. Production may be maintained or even increased in many herds and improved health result if a concentrate with proper protein, mineral and vitamin levels were fed at 1000-1500 pound less per cow yearly.

Some research indicates that prolonged feeding of excessive concentrate to even high producing cows in early lactation may actually reduce milk yield on an equal fat basis. At farm prices for grain, feeding an average of 1 pound of concentrate (dry grain basis) per 3¼ pound of milk produced appears to be more economical than higher concentrates for large breed cattle. At prices for manufactured dairy feeds a ration of 1:4 is more in order. If heavier feeding of grain is practiced, reduce levels gradually over a period of three weeks and allow cows to eat more forage if it is available. These reductions could save many dairymen as much as $80.00 per cow yearly.

Reduce waste and frills

Forage wasted in feeding may approach 10% or more of the total fed on some farms. Steps can be taken to keep this at 5% or less. This is especially important on farms with an inadequate hay or silage supply. It is most critical with large packages that are improperly stored or handled at feeding out. Too many dairymen use forage and feed additives of questionable value. It is time to get back to the basics rather than depend on relatively expensive items that may not be necessary. In some cases, dairymen will pay high prices for a product when comparable ones are available at about ½ the price from his feed concern or other supplier. Such practices add millions of dollars annually to the cost of dairying in Pennsylvania.

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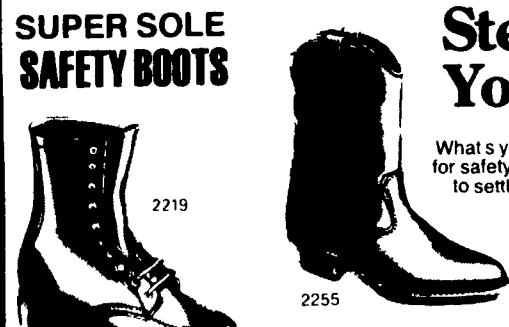

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Outstanding Conservationists honored by the Dauphin County Conservation District include Bruce Cutler, left, a special "Environmental Reporter" award; Howard Kopp, center, and his sons, Ron and Jay, share the "Outstanding Conservation Farmer" award and their Stoneylawn Farm in Londonderry Township. Robert Megonnell is the "Environmental Educator" for his dedication as the Dauphin County Junior Conservation School Administrator.

Dauphin County presents conservation awards

HARRISBURG — Each year the Dauphin County Conservation District combines their December Directors' Meeting with a Conservation Awards Program. Recognition is given to individuals who have made outstanding personal contributions in the field of conservation.

At the recent Districts's Awards Dinner in Halifax, four special presentations were made.

George Moore of Millersburg received a Distinguished Service Award for 32 years of volunteer service, 27 years as a District Director. His interests in conservation education and soil conservation have helped make the Dauphin Conservation District one of the most respected Districts in Pennsylvania.

Aaron Hoffer from Middletown also received a Distinguished Service Award for his 25 years of volunteer service as a District Director. His commitment to soil conservation on his own farm and through out the county has helped the Dauphin Conservation District become recognized as a leader in the field of soil conservation.

Robert Megonnell of Dauphin received an Environmental Educator Award for his outstanding volunteer efforts over the last eleven years as the Administrator of the Dauphin County

(Turn to Page E30)

Aaron Hoffer, right Middletown, receives a Distinguished Service Award for his 25 years of volunteer service as a director of the Dauphin County Conservation District. Dauphin County Commissioner Jack Minnich made the presentation at the district's award dinner in Halifax.

Stoneylawn Farm in Londonderry Township was selected as the "Outstanding Conservation Farm" by the Dauphin County Conservation District for 1983. Conservation District Manager David Ball, right presents the award to the Kopps, (l to r) Ron, Jay and Howard.

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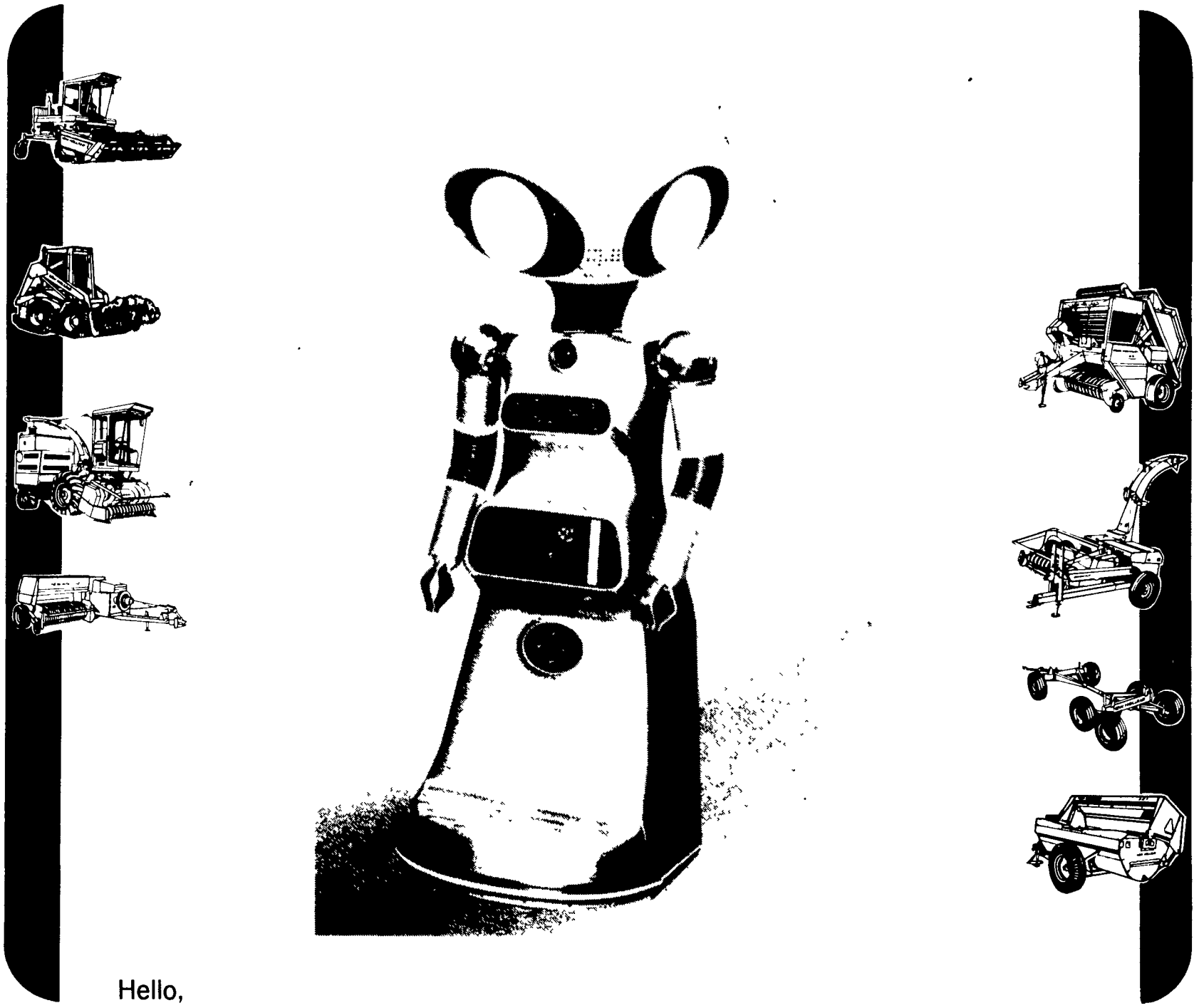
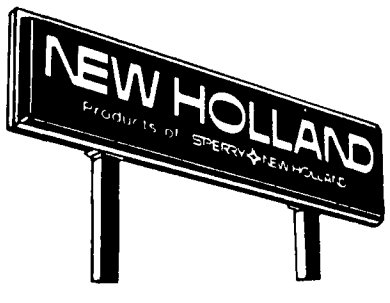


Hello,

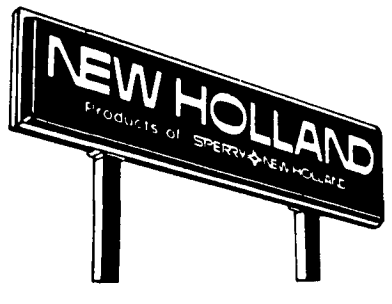
My name is INNO-Vator. I live on a planet far beyond the sun called Agro. But because of a special invitation from SPERRY NEW HOLLAND AND YOUR LOCAL SPERRY NEW HOLLAND DEALER, I will be visiting Earth next week. I'll be coming to the PENNSYLVANIA FARM SHOW in Harrisburg, Pennsylvania. I attended the show last year and had such a wonderful time visiting with so many farm families that I can't wait to return.

It's such a pleasure telling everyone about that great Sperry New Holland equipment. It's innovative in design (just like me) and dependable in operation. Why, for example, take that new model 499 Pivot Tongue Mower Conditioner. The 12'3" cut combined with the 9'2" conditioning rolls allow for big capacity quality hay production at an attractive price: The 499's got an exclusive light-weight header design for better flotation, and the unique Rola-Reel Header for gentle hay handling. Dual drive twin sickles and a larger hydrostatic pump give you added capacity. On the go hydraulic guard angle adjustment, (also an exclusive), allows for easy adaptation to changing field conditions, from the tractor seat... Oh My I could go on and on! And then there's those Metalert Forage Harvesters, New Skid Loaders and Slurry Spreaders, Round Balers, Square Balers, Automatic Bale Wagons and S.P. Choppers. See all this equipment and much more. But I must hurry and pack my tool box - us robots don't carry suitcases. It's such a long trip to Earth, by the time you are reading this letter I will already have started my journey to Earth.

If I met you last year stop again at the Sperry New Holland Display to say hi. If I didn't see you at the 1983 show please come and talk to me this year. I'll be at the Sperry New Holland Display on Sunday, January 8th thru Wednesday, January 11th all day long. Please come and see me.



Your Farm Equipment Specialists



Dauphin conservation

(Continued from Page E28)

Junior Conservation School, sponsored by the Dauphin County Federation of Sportsmens' Clubs. Each year Bob donates a week of his vacation to conduct the school. To date, over 450 young adults have learned about natural resources as the week long schools.

Stoneylawn Farm in Londonderry Township, operated by Howard, Ron and Jay Kopp, received the "Outstanding Conservation Farmer" Award. The Kopps have continuously demonstrated their commitment to soil conservation by installing various conservation practices on their farm. They have helped others in the agricultural community by hosting many conservation demonstrations to promote the wise use of our soil and water resources.

Bruce Cutler, a local Newspaper Reporter, from Newberrytown, York County, received a special "Environmental Reporting" Award. Over the past year Bruce has written articles concerning soil conservation, non-point source pollution, acid rain, a Susquehanna River feature and many other timely natural resource issues.

George Moore, left, Millersburg, receives a Distinguished Service Award for his 32 years of volunteer service to the Dauphin County Conservation District. Dauphin County Commissioner Horman Hertrick makes the presentation.

Housing procedure changed

WASHINGTON, D.C. — The U.S. Department of Agriculture's Farmers Home Administration is preparing new housing regulations to implement changes in the housing act passed by Congress and signed into law by President Ronald Reagan on Nov. 30.

Secretary of Agriculture John R. Block said, "Many of the changes will simplify housing assistance from the federal government by requiring the Farmers Home Administration, the Federal Housing Administration and the Veterans Administration to operate under laws and regulations that are applicable to all."

Charles W. Shuman, administrator of Farmers Home Administration, said many of the new provisions will make it possible for the agency to help more of the most needy persons in rural areas to obtain safe, decent and adequate housing.

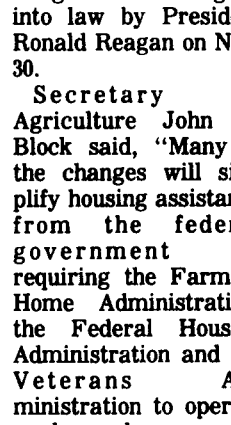
Shuman said amendments passed last month to give the Farmers Home Administration several new authorities to make housing assistance available to low income borrowers, including:

— single family mortgages of up to 38 years — five years longer than current payment periods;

— loans for manufactured housing units, including the lots on which they are located;

— A new program of housing preservation grants to eligible organizations and units of government to rehabilitate single and multi-family housing.

Farmers Home Administration, the rural credit service of the U.S. Department of Agriculture, makes loans for single family housing, rural rental housing, farm labor housing, self-help housing, and building site loans. The agency is providing assistance through more than 1 million housing loans. The agency also makes full range of farm loans, community facilities loans and business and industry loan guarantees.



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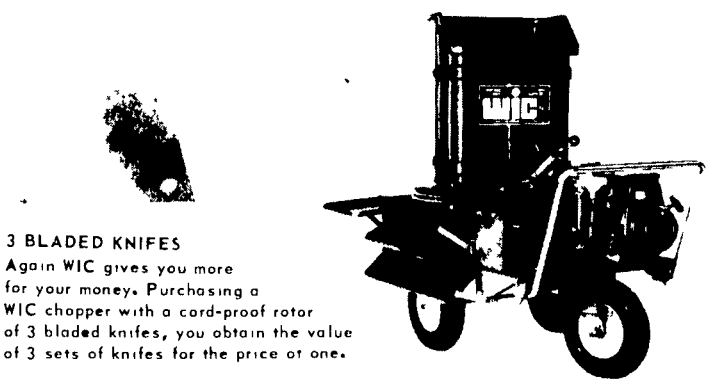
THE BETTER BEDDER



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Again WIC gives you more for your money. Purchasing a WIC chopper with a cord-proof rotor of 3 bladed knifes, you obtain the value of 3 sets of knifes for the price of one.

• GONE FOR GOOD, THE EXHAUSTING JOB OF CHANGING THE KNIVES, AS THE 144 BOLTS AND NUTS HAVE BEEN REPLACED BY 8 RODS INSERTED THROUGH THE KNIVES WHICH ARE COLLECTIVELY TIGHTENED, FORMING A ONE PIECE ROTOR

• THE CONCEPTION OF THIS NEW ROTOR GREATLY DIMINISHES THE RISK OF SNAGGING BEING FREE OF BOLTS AND NUTS

WIC INC

See In Operation At Our Display At The PENNSYLVANIA FARM SHOW

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This Price Is Good ONLY At The FARM SHOW, Jan. 9th - 13th

Limit One Per Customer

Also See Our Other Ads Located Throughout The Paper

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A3127 SOYBEAN

A unique and exciting Asgrow soybean in the early Group III maturity range, 4 days earlier than Williams A3127 is a medium-height, erect plant type with dark green foliage and excellent standability – better than any variety of its maturity tested A3127 is especially attractive at maturity Its erect plants are easily threshed A3127 has shown a high level of field tolerance in the presence of new races of Phytophthora Root Rot It is resistant to purple stain, Powdery Mildew shattering, and tolerant to pod and stem blight A3127 consistently delivers outstanding high yields

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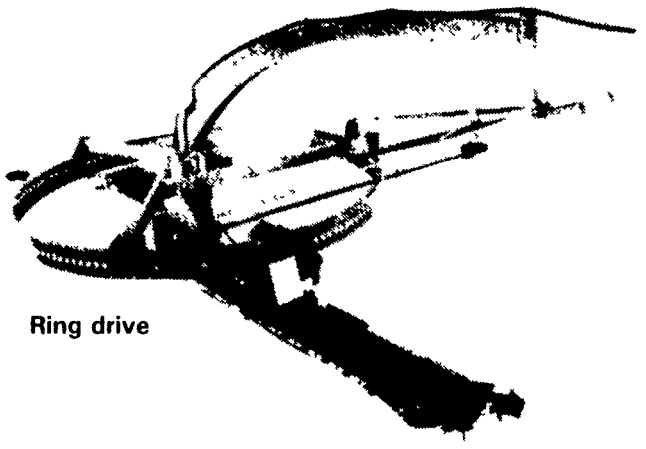

Ring drive

Surface drive

Reliable Feeding
On Display
At The PA Farm Show

Hard-packed and frozen silage makes feeding more than a routine chore.

Patz gives you two solutions to the problem — the RD-820 ring-drive silo unloader and the 98B surface-drive silo unloader. Both have a double-hook gathering chain with hardened steel cutters and claws that cut through frozen and packed silage.

- Spring-tensioned powered cutter keeps silo walls free of buildup.
- Preset depth-of-cut control makes feeding truly automatic (98B).
- Powerful blowers with adjustable impeller blades do the job

We'll show you how to get the most performance for your money

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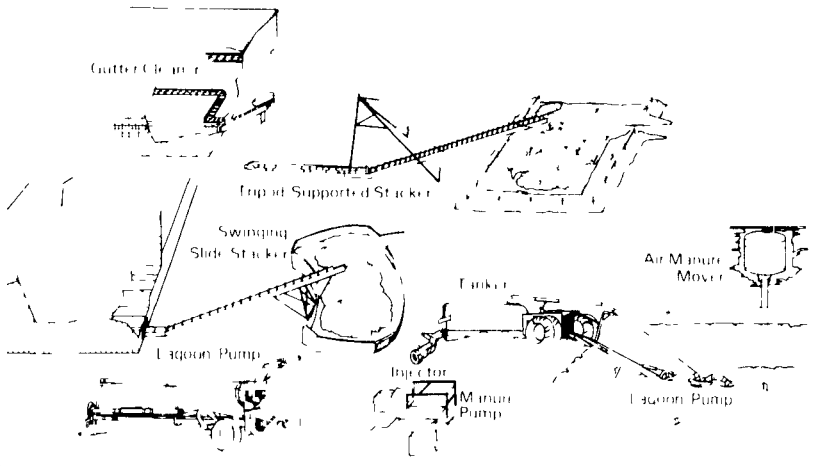
Patz builds manure handling systems you can depend on

Contact us for more information.



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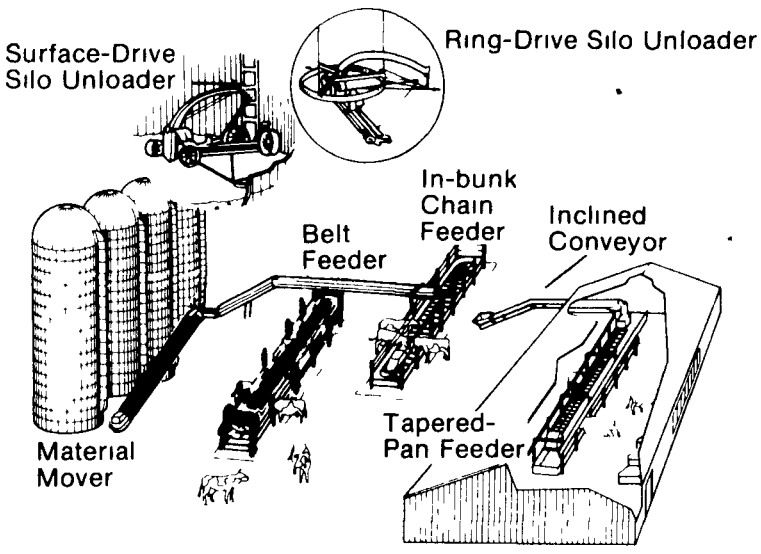
Patz builds feed handling systems you can depend on

That's because Patz spends a great deal of time in design and field testing, to make sure that our equipment will stand up to your requirements.

Whether you need a large or small feed handling system, a silo unloader, a conveyor, or feeder...

Year after year, you can depend on



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Berks County DHIA Monthly Report

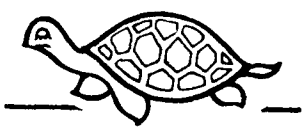
dhia
Pennsylvania Dairy Herd Improvement Association

November, 1983

Rolling Herd Average

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	LBS. FAT
Chas&Tim Kissling	3	68 4	86 8	21,432	826
Plushanski Farms Inc	3	120 3	89 7	21,153	793
Rothrock Golden Hol	3	46 7	89 1	21,748	763
Heindel Farms Inc	3	29 2	86 2	18,806	750
Bendy Brook Farm	3	47 5	85 3	20 732	740
Junge Farms	3	60 6	85 8	18,992	736
Forrest C Stricker	B3	59 6	85 4	19,315	730
Ken&Robin Wolfskill	B3	44 5	86 8	19,864	729
Mark A Wolfskill	3	94 5	85 9	19,330	723
George S Troutman Jr	B3	67 5	89 9	19,242	713
Donald B Duncan	B3	99 3	87 7	17,760	699
Robert E Kopfer	B3	46 5	90 6	18,923	699
Reu Hel Farms Inc	3	54 6	87 4	19,296	688
David L Schrack	B3	104 3	87 1	17,728	687
Mertz Brothers	B3	45 2	83 0	19,222	685
Stephen J Janos	3	30 6	86 1	19,698	683
Zahncroft Farm	3	50 3	86 7	18,189	683
Good Bros	B3	58 5	87 4	19,244	676
Martin Moyer	B3	50 4	84 4	17,187	664
Leonard G Stoltzfus	3	58 2	88 6	19,529	664
Clarence B Kulp	3	67 7	87 0	18,249	657
Ralph & Ken Sanner	B3	75 6	86 5	18,485	653
Mervin Brubaker	B3	69 1	87 0	18,267	651
Leroy E Howard	3	139 7	89 8	17,937	650
George Schuler	3	55 8	87 5	17,832	644
Lawrence Kieffer	B3	71 2	87 3	18,663	642
Frank G Gromlich	3	62 1	90 4	16,990	639
Ray E Bicksler	3	46 8	87 1	16,591	637
Glenn R Harnish	B3	96 9	88 9	17,707	633
Ernest O Miller	B3	193 6	85 8	17,432	632
Linden Loch Holstein	3	59 0	88 5	17,608	632
Merlin J Grube	B3	42 5	85 5	16,135	631
Scattered Acres Inc	B3	150 3	84 7	17,202	626
Red Fever Farm	B3	63 4	87 7	16,814	623
R R Troutman & Sons	3	122 8	85 4	16,755	623
Vista Grande Farm	3	82 8	86 0	16,997	621
Daview Farm	3	61 2	83 8	17,265	620
Richard A Bleiler	B3	52 2	83 8	18 394	619
Robert C Dreisbach	4	78 1	84 0	13 043	618
Arlan Krick	B3	66 6	87 1	16,110	618
Whilwind Acres	B3	91 7	87 7	16,952	618
George E Moyer	3	101 7	83 9	16,100	618
Ranshar Farms	B3	54 6	85 0	16,970	618
William G Howerter	3	87 9	89 0	17,732	616
Andrew D Stoltzfus	3	144 1	86 8	17,236	616
Roger S Buch	3	47 7	81 8	17,394	616
R Bernell Burkholder	B3	40 4	84 7	16,810	615
Heindel Farms Inc	1	25 7	84 0	14,630	614
F M Browns Sons Inc	B3	91 1	89 6	18,238	613
John H Stump	3	51 8	86 8	17,745	613
Yost Brothers	B3	113 9	85 4	16,928	613
Tulpa Canal Farm	B8	35 9	87 4	17,021	611
Meadow Spring Farm	B3	39 6	82 0	16,816	610
William C Adams	3	90 3	89 1	15,374	609
Ontelynn Acres	B3	112 5	86 9	16,184	608
B & K Grimes	B3	130 0	88 6	15,470	608
Robert L Sattazahn	B3	101 9	90 4	16,876	608
Pinnacle View Dairy	B3	48 4	85 8	16,432	606
Barry L Burkholder	B3	48 4	82 1	17,409	606
Mat Mar Farms Inc	3	86 4	86 8	17,541	605
Paul B Martin	B3	57 7	83 1	18,498	605
Harvy M Weaver	G3	50 4	83 7	16,281	604
Harold Fenstermaker	3	34 2	86 8	15,676	604
Daniel J Harnish	B3	93 4	83 6	15,961	601
Raymond B Nolt	B3	82 2	85 7	16,506	600
Fred J Walters	B3	70 4	86 8	16,408	599
Udder Valley Farm	B3	73 2	84 4	16,540	599
Show Top Farms	3	152 0	90 0	16,580	598
Tom Werley	B3	57 3	86 7	16,351	598
Arthur D Schlappich	B3	57 0	86 9	16,349	596
Swatara Dairy Farm	3	78 0	80 9	14,959	595
Donald Burkholder	G3	92 9	86 7	16,500	592
Ken & Debra Dietrich	B3	40 0	84 4	15,650	591
Tim Kleinsmith	B3	39 1	87 8	17,334	591
Glenn B Gockley	B3	44 6	85 5	16,815	591
Ker Min Farms	3	78 2	89 4	16,631	590
E Daniel Leatherman	B3	67 5	86 7	16,269	589
Irvin G Weaver	B3	47 9	90 0	16,294	587
Ridge Crest Farms	B3	49 8	84 6	16,332	587
Lynn E Stoudt	B3	72 2	84 0	17,510	587
Charles W Lamm	B3	99 9	87 7	16,643	586
Raymond A Seidel	3	33 6	87 8	16,735	585
Terry Kunkel	B3	40 2	84 8	16,893	585
Ernest C Hoffman	3	55 4	89 8	15,743	584
Way Har Farms	B3	106 6	86 8	15,844	583
Charles D Moyer	B3	122 5	84 8	14,964	582
David Y Knauer	B3	51 8	84 6	15,843	582
Marlin J Stutzman	B3	59 0	86 6	15,981	582
Lynnacres	3	153 5	88 5	16,746	581
Ronald L Richard	3	50 5	84 9	17,657	581
David J Williams	B3	41 2	82 4	16,054	581
Clyde Loump	B3	57 3	86 5	15,815	580
William Mitchell	B3	31 0	87 4	16,163	580
Wilmer Hurst	B3	51 8	83 1	14,610	579
Dana Stoudt	B3	14 5	78 3	16,122	579
Don Aloan	B3	45 1	82 4	15,599	579
Alton Rohrbach	B3	49 0	88 1	16,078	578
Wilson M Balthaser	B3	71 3	85 0	15,667	575
Harvey C Krill Jr	B3	44 8	87 7	16,201	572
Richard W Hoppes	B3	61 1	88 8	16,519	571
Carl E Hollenbach	2	55 7	82 9	12,660	570
Floyd Kurtz	3	48 9	84 3	16,267	570
Win Dale Farm	4	49 3	88 7	11,413	569
Robert Yanos	G3	60 5	87 9	15,096	566
Retland Farm	3	50 6	87 0	17,046	566
Teen Chal Farm	B3	112 0	88 0	15,553	565
Clarence C Sattazahn	B3	100 1	87 0	16,229	562
Phillip Wisser	B3	29 4	87 0	15,873	560
Elvin Brubaker	B3	37 9	87 0	15,211	558
Harry P Shaak	B3	109 2	84 5	14,648	557
Donald M Meyers	3	62 6	86 9	15,126	557
Nathan Nolt	B3	54 7	81 9	14,846	556
Eleanor K Siegfried	3	91 2	89 0	14,738	555
Blue Mtn Academy	B3	118 8	87 2	17,016	554
Richard H Hoffman	B5	34 8	84 2	13,734	554
Hylark Farm	3	81 0	85 4	14,653	553
Herb Top Farms Jer	B4	26 2	82 6	14,646	552
Herb Top Farms	B3	28 6	82 0	14,709	551
Charles W Wagner	B3	49 0	89 3	15,535	551
Pine Brook Farm	3	105 1	83 6	15,242	551
Alfred E Schmidt	3	57 7	88 3	15,413	550
Leon Sensenig	B3	55 4	89 9	15,335	550
Harold Schuler	3	34 1	87 0	14,988	550

DON'T BE SLOW



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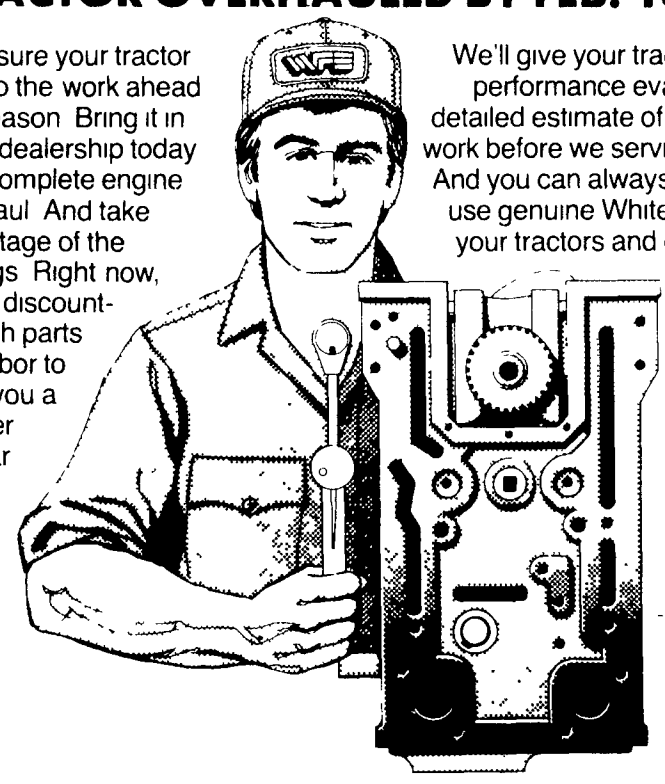

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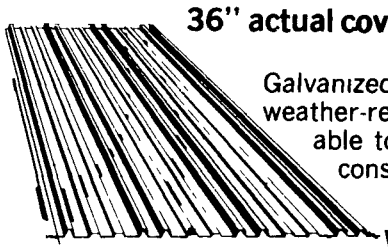

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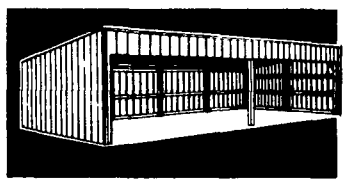
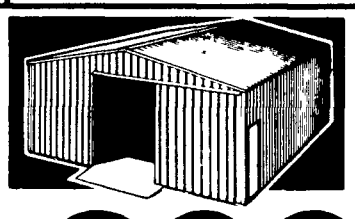


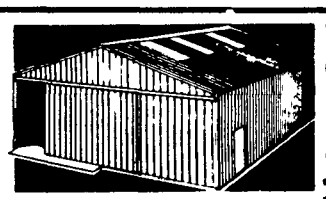
THE SOUTH FORK
15'-6"x 32'
Loafing Shed
• Optional 16 ft additions

1365.00 Package



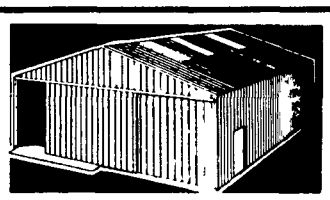
THE SHERIDAN
30'x 32'
Multi-Purpose Building
• 10' sidewall • 10' end door • Optional 8 ft additions

2999.00 Package



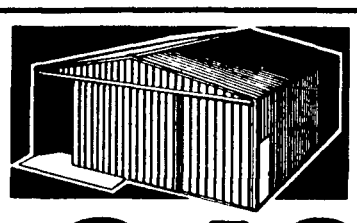
THE WINCHESTER
40'x 48'
Machinery Storage Building
• 14' sidewall • 16 end door • Optional 8 ft. additions

5880.00 Package



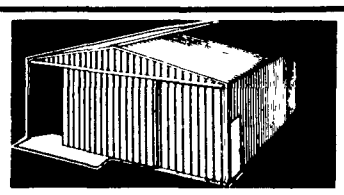
THE SHENANDOAH
42'x 48'
Machinery Storage Building
• 14 sidewall • 20 end door • Optional 8 ft. additions

6188.00 Package



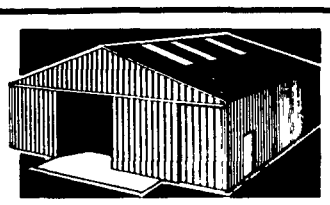
THE PENDLETON
32'x 32'
Multi-Purpose Building
• 12' sidewall • 14' end door • Optional 8 ft additions

3400.00 Package



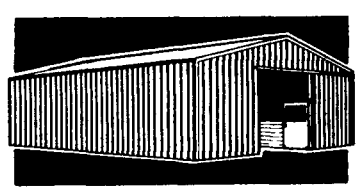
THE REMINGTON
36'x 40'
Multi-Purpose Building
• 12' sidewall • 16' end door • Optional 8 ft additions

4229.00 Package



THE LINCOLNSHIRE
48'x 48'
Machinery Storage Building
• 14' sidewall • 24' end door • Optional 8 ft. additions

6877.00 Package



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32'x 32'
Horse Barn
• 12' sidewall • 5 stalls

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Computers on dairy farms

UNIVERSITY PARK — Computers will save Pennsylvania dairy farmers significant amounts of money and time and will improve management decisions, and the day when each farm has its own computer is near in Pennsylvania, according to speakers in the Penn State Dairy Computer Conference, held Dec. 14-15.

Using a computer for analysis of his options in the PIK program, one farmer was able to save $20,000 by deciding not to plant corn, said Art Hussey Director of the newly formed Northeast Computer Institute.

By using computers, other farmers claim to spend only 30 percent of the time it normally takeks to keep accurate records, he said.

Computers are easier than ever to use, Hussey said, and are much more powerful. They are used for cash flow analysis, income and expense, accounting, and herd inventory programs and many other purposes.

They also will be more prevalent in the future, but will not communicate with DHIA computers for some time, says Dr. C. William Heald, Penn State Extension dairy specialist.

According to Heald, computers have been used for about 30 years in DHI, but will be used more extensively in the near future.

Currently, a supervisor goes to each DHI farm, gathers information on each cow, and takes milk samples. The samples and the data are then processed by the computer and results sent to the farmer and to USDA's Animal Improvement Programs Laboratory where information is stored on all cows and bulls in the country. This program identifies the best bulls and cows in the country as the parents of our next generation of cattle.

Heald said that soon supervisors will carry micro-computers to each farm and a summary of the information will be given to the farmer on test day. Then later, after the samples are analyzed, more complete report will be sent.

Another use for computers in the near future may be by Penn State Cooperative Extension, Hussey said.

The University has asked the state legislature for just under $2 million to buy a microcomputer for each Extension office. This will allow farmers to have access to information such as weather reports, marketing information, frost warnings and programs to aid in management decisions.

All of these things will help farmers make better marketing decisions.

The money asked for breaks down to $33 per Pennsylvania farm family, Hussey said, so if each farmer saved $33 the program will pay for itself.

But even with these advancements, Pennsylvania farmers will probably not be willing to buy a computer for each farm in the near future, says Heald. The cost and complications are beyond the means of many small farms.

A computer on the farm will allow the farmer to have easy access to an inventory of cattle, a feeding and health record for each cow and a means to make quicker management decisions. Computers could lead to learger, more efficiednt farms, he said With more efficient management farmers may be able to milk fewer cows and have the same income.

Pennsylvania may be slow to join other states that have a large number of farms with computers because the topography and climate of the state has limited the average herd size to about 59 cows, he said.

Somerset County DHIA Report

Pennsylvania Dairy Herd Improvement Association

Annual Report

1983 Annual Herd Averages
(above 650 lb. fat.)

All herds on official DHI or DHIR testing plans are included
Those herds requesting no publicity are not listed

NAME	BRD	NO. COWS	LOW DAYS IN MILK	LBS. MILK	LBS. FAT
Latuch Brothers	3	82 0	88 5	20,257	783
Donald Glessner	3	39 2	92 4	18,443	779
Lewis W Berkley	3	60 3	87 1	20,112	769
Reimandale Farm	3	53 2	87 9	19,523	758
Double-Ott Dairy	3	30 5	83 6	18,564	751
Glenn M Moyer	3	37 1	87 0	20,720	742
Harry Mosholder	B3	30 3	89 7	19,490	740
William&Vera Shultz	3	45 5	88 8	19,653	731
William E Hunsberger	B3	49 2	88 5	23,661	730
Claradale Farms	3	76 5	87 1	18,685	724
Sec Win Farm	3	82 6	89 6	19,211	722
Gary & Nancy Lynch	3	75 6	87 5	18,703	720
Leon Knepper	3	80 3	86 5	18,670	720
George C Stahl	B3	62 8	88 3	19,545	720
Arlen W Maust	B3	17 2	90 8	18,631	715
Harold E Miller	B3	61 7	87 1	19,480	712
James Mostoller	B3	59 3	88 7	19,227	709
Cross Road Farm	B3	40 6	89 5	17,812	707
Urbadale Farm	3	39 4	88 9	18,512	700
Fairview Acres	B3	53 6	86 5	18,712	697
Tice Platz	B8	52 1	89 0	18,557	694
North View Farm	3	133 7	83 2	18,038	694
Stoney Acres Farm	B3	51 4	88 9	17,532	692
Lonni D Ream	B3	32 4	83 3	18,610	685
Glenn E Johnson	3	50 7	94 1	17,878	685
James W Ringler	B3	53 1	86 4	18,581	679
Dean E Hillegass	B3	63 4	86 4	17,822	679
George N Baer	B3	73 0	87 9	17,813	679
Robert & Jean Taylor	3	49 1	85 7	18,445	676
Harold Saylor	3	55 0	86 3	18,364	672
Donna L & K W Brant	8	53 5	86 0	17,702	671
Willard Maust	3	49 9	89 6	18,519	668
Paul J Pyle	3	37 1	86 2	18,198	664
Gerald F Carr	3	60 8	87 9	17,269	663
Timothy D Clites	B3	36 5	84 2	17,347	660
Paul E Yoder	3	33 3	87 7	18,203	658
Hillegass Farms	3	91 7	86 0	17,472	657
Hillmont	3	82 4	87 2	16,714	654
Paul & Dave Countryman	3	85 1	86 1	16,610	651

High Producing Cows For Milkfat
(in 305 days or less)

Junior 2 Year Olds

OWNER NAME OR NO.		DAYS IN MILK	LBS. MILK
Leon Knepper			
69 Suzy	1	2 5	893
Lewis W Berkley			
Rachael	1	2 3	872
Sec Win Farm			
Jenifer	1	2 5	817
George C Stahl			
20	1	2-0	815
Glenn M Moyer			
Promise	1	2 4	810

Senior 2 Year Olds

Claradale Farms			
Harriet	1	2-6	975
George C Stahl			
99	2	2-10	873
Reimandale Farm			
Kitten	1	2 8	861
Caradale Farms			
Banana	1	2 7	854
Kenneth & Nelda Fox			
45	2	2 10	844

3 Year Olds

Cross Road Farm			
Venus	2	3 5	1031
George C Stahl			
80	2	3 0	1023
Claradale Farms			
Lottie	2	3-7	973
Rosalie	2	3-4	963
Sec-Win Farm			
Lorna	2	3 11	958

4 Year Olds

Donald Glessner			
Wendy	3	4 8	1152
Latuch Brothers			
Brenda	3	4 8	1104
Charles S Wilcox			
18	3	4 3	1098
Claradale Farms			
Bugle	3	4 8	1018
Wander	3	4 9	1011

5 Year Olds and Over

Donald Glessner			
Lisa	3	5 10	1262
Vickie	8	9 7	1245
Reimandale Farm			
Tammy	4	5 2	1134
Latuch Brothers			
Lucy	4	5 11	1131
William & Vera Shultz			
Berma	3	5 2	1127
Paul & Dave Countryman			
Gwen	6	7 3	1127

High Producing Cows For Milk
(in 305 days or less)

Junior 2 Year Olds

Fairview Acres			
Rachel	1	2 3	23,553
Sec-Win Farm			
Jenifer	1	2 5	23,010
Vincent Flannery			
276	1	2 1	22,796
Glenn M Moyer			
Promise	1	2 4	22,697
Claradale Farms			
Ann	1	2 5	22,232

(Turn to Page E35)

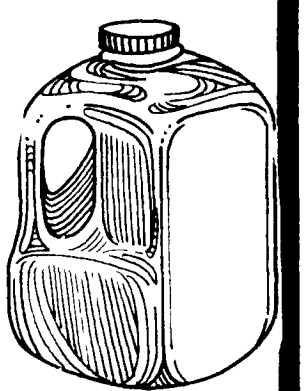
Alternative crop seminar set

SOMERVILLE, N.J. — If you are among the rising population of small farmers, you should consider attending this year's series of seminars in "Crop Alternatives for Landowners - 1984. The course is offered for the third time by the Somerset County, N.J. Extension Service and is designed to offer basic information for those persons interested in growing horticultural crops or managing resources as a means of obtaining income.

Our session will be held each week from Jan. 17 until Feb. 14. The topics featured this year include some of those requested by course participants in the past: nursery crops field production and marketing, floriculture, financial records, and small farm equipment and buildings.

A registration fee of $5.00 per person will be charged. Everyone must register, in writing, by Jan. 13.

For a registration form or further information contact Clare Sperapani, Somerset County Agricultural Agent, (201) 526-6293.



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Somerset Co. DHIA

(Continued from Page E34)

Senior 2 Year Olds

William E Hunsberger Gladys	2	2 11	30 232
Tanya	2	2 9	26,213
Harry Mosholder Beth	1	2 11	23,508
Claradel Farms Harriet	1	2 6	22,690
Kenneth & Nelda Fox 45	2	2 10	22,499

3 Year Olds

Jerry Mill Farm 121	?	3 11	27,814
William E Hunsberger Polly	2	3 3	27,705
Boris	3	3 10	27,478
Glenn M Moyer Sonya	2	3 2	27,453
Latuch Brothers Lois	2	3 6	26,233

4 Year Olds

George C Stahl 53	3	4 1	28,470
Claradale Farms Wander	3	4 9	28,007
Jerry Mill Farm 24	4	4 3	27 094
Latuch Brothers Norma	2	4 3	27 009
Cross Road Farm Rocket	3	4 8	26 807

5 Year Olds and Over

George C Stahl 36	4	6 4	33 248
William E Hunsberger Glad	5	6 10	30 603
George C Stahl 51	3	5 1	29,743
Harry Mosholder Whitie	?	5 2	29,289
Paul & Dave Countryman Gwen	6	7 3	28,276

High Producing Cows For Protein (in 305 days or less)

Junior 2 Year Olds

Bar Val Farm, Inc 584	1	2 0	720
Glenn M Moyer Promise	1	2 4	720
Vincent Flannery 276	1	2 1	703
Fairview Acres Rachel	1	2 3	699
William D Marteeny 197	1	2 0	690

Senior 2 Year Olds

William E Hunsberger Tanya	2	2 9	814
Harry Mosholder Beth	1	2 11	740
Claradale Farms Harriet	1	2 6	715
Kenneth & Nelda Fox 45	2	2 10	702
Paul & Sharon Fox Jen	2	2 11	698

3 Year Olds

George C Stahl 95	3	3 11	828
Pax Terra Molly	3	3 11	784
Sec Win Farm Jolly	2	3 7	774
Harold Saylor 31	2	3 5	773
Bar Val Farm Inc 563	2	3 0	770

4 Year Olds

William E Hunsberger Debbie	3	4 2	823
Cross Road Farm Rocket	3	4 8	819
Claradale Farms Wander	3	4 9	811

(Turn to Page E36)

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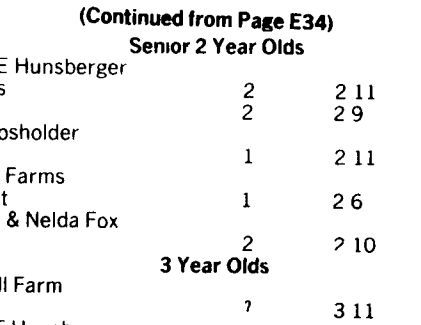
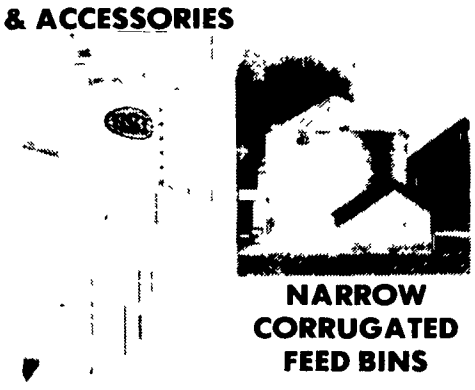
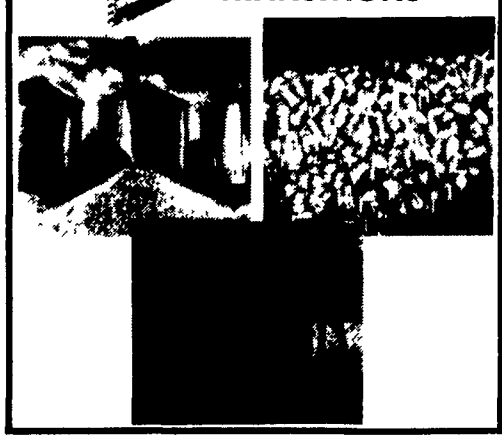


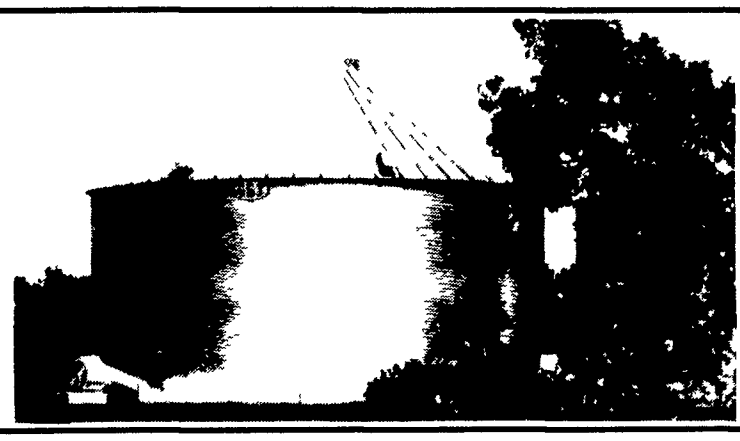
GSI FEED BINS & ACCESSORIES

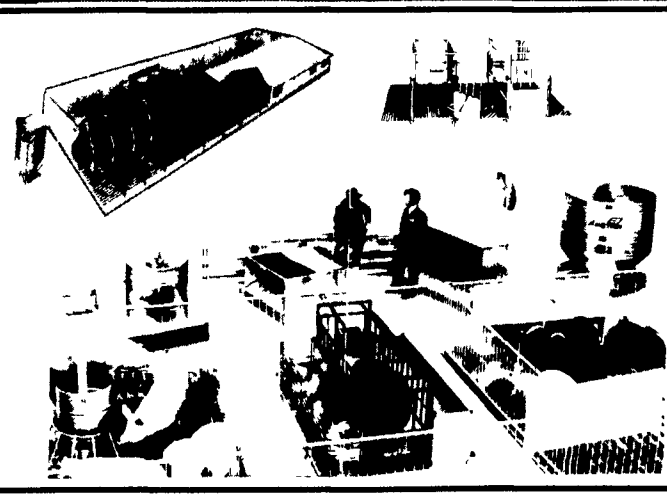


NARROW CORRUGATED FEED BINS

AERO-DYNAMICALLY DESIGNED TRANSITIONS







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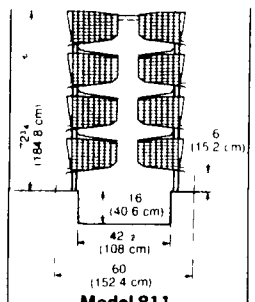

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4 Rows 300 43 200 Birds
6 Rows 400 86 400 Birds

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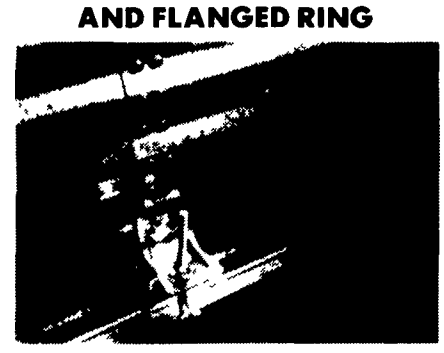

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Somerset Co. DHIA

(Continued from Page E35)

Fairview Acres			
Lucy	3	4 2	778
Latuch Brothers			
Glenda	3	4 9	776

5 Year Olds And Over

Harold E Miller			
189	3	5 1	873
William & Vera Shultz			
Berma	3	5 2	871
Bev	4	5 11	864
Latuch Brothers			
Lucy	4	5 11	826
Paul & Sharon Fox			
Stelar	4	5 3	819

Production Award Winners

High herd for milk production per cow William E Hun sberger 23,661 pounds 3X

High herd for fat production per cow Latuch Brothers 783 pounds 2X

High herd for protein production per cow William E Hunsberger 731 pounds 3X

High individual cow record for milk George C Stahl #36 33,248 pounds 2X

High individual cow record for fat Donald Glessner Lisa 1,262 pounds 2X

High individual cow record for protein Harold E Miller #189 873 pounds 2X

Largest yearly increase in fat 1982 1983 Arlen Maust 213 pounds 2X

Low herd for somatic cell count Tice Platz 115,000

McKEAN COUNTY DHIA
Annual Report

Individual Herd Records

Orton Kinney	R	27	84 6	17,421	650
Sy Tanner	Gr	29	86 6	16,620	627
John H Lapp	R&Gr	56	83 5	16,413	599
Ray Dillenbeck	R&Gr	30	83 2	15,442	594
Charles Irons	R	85	86 8	15,259	593
Donald Micheltisch	R	42	85 2	15,927	589
Mantz Farms	R&Gr	38	86 2	15,763	586
Ronald S Worden	R&Gr	26	92 1	16,078	577
Thomas Spees	R&Gr	32	86 8	15,955	576
James & E Tanner	R&Gr	20	83 6	14,380	542
Robert Strait	R&Gr	50	83 7	14,384	521
Comes Dairy	R&GR	50	88 1	13 460	498
Stratton Farms	G	38	87 6	13 397	495
Orville Johnson	R&Gr	31	83 0	13,176	489
Harlan Lindsay	R&Gr	40	82 9	12,990	482
Joe Isadore	R	44	84 3	13,274	478
G L Carlson Inc	R&Gr	42	85 0	13,540	477

Top Producing Cows
(Milk Fat Over 750 Lbs.)

Orton Kinney					
Dolly	5 5	4	25,043	3 7	929
Ellie	5 10	4	19,578	4 0	783
Tanya	6	4	21,291	3 8	818
Lynn	6 4	5	20,374	3 8	773
Teri	7	4	20,700	4 1	842
Charles Irons					
Samone	4 10	3	21,094	3 9	821
[illegible]	4 10	3	18 038	4 5	819
Starnit	4-1	2	20,843	3 7	778
Lena	5-5	3	18,078	4 6	826
Prinkle	7-3	5	17,878	4 2	753
Starlt	8 2	6	19,896	3 9	776
Henriet	9 5	7	19,297	4 2	804
Mantz Farms					
Pansy	3 6	2	17,493	4 3	754
Sy Tanner					
Jessee	4-2	4	22,120	3 5	779
April	3 2	2	13,934	4 3	595
Donald Michelitsch					
Charlet	4 6	3	17,792	4 4	781
Lesa	4 2	3	20,079	3 8	755
Leeta	5 10	3	21,624	4 0	856
Mindy	6-10	5	19,582	3 8	753
Ronald S Worden					
#54	4 4	3	18,088	4 2	754
John H Lapp					
Rae	5 5	4	21,625	3 6	787
Bertha	6 5	5	20,739	4 2	863
Dawn	8	5	23,680	3 7	877
Arthur & Clifford Brown					
Rae	7 5	5	20,144	3 9	795
Ray Dillenbeck					
Darla	7 2	5	19,607	4 0	788
Comes Dairy					
Magegr	7	4	20,379	3 8	771
Tom Spees					
Edna	7 8		22,138	3 4	763
Charles Irons					
Bug	6 3	4	17,025	5 0	850

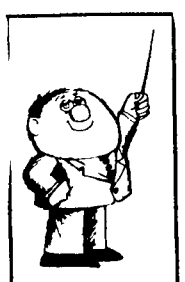
N.J. vegetable meeting set

ATLANTIC CITY, N.J. — Many vegetable growers from Pennsylvania and other East coast states will find a record number of exhibit booths at the trade show of the New Jersey Annual Vegetable Meeting.

The Atlantic City trade show, which opens Jan. 17 and closes at noon on Jan. 20, will have at least 114 booths. Orders for space are still coming in. One exhibit will feature a brush hoe from Switzerland.

Major seed companies will feature their newest varieties. Large and small machinery, irrigation – both trickle and sprinkler will be shown. There are exhibits of interest to both small and large farm operators. Plastics, containers, pesticides, fertilizers, supplies for the greenhouse, products for the roadside marketer are all part of the show.

Copies of the Advance Program, rate cards and pre-registration information can be obtained by calling W.B. Johnson at 201-932-9395.



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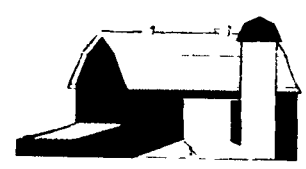

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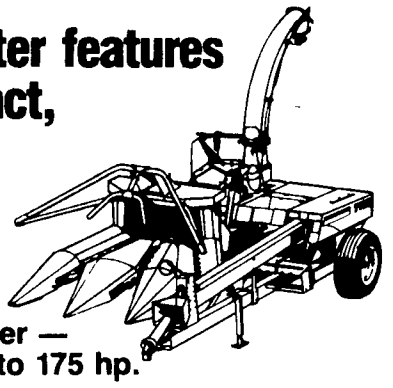

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Conservation programs reach turning point

NEWARK, Del. — Soil and water conservation programs are in transition today. Federal funding adequate to support former levels of agricultural conservation has been steadily cut back. What's left is being directed toward a narrower range of needs.

At issue are two questions. Who benefits from conservation practices? And who should pay for them? "Once you've answered the first question, which is seldom easy, the second pretty well takes care of itself," says University of Delaware extension specialist in community and resource economics, Gerald F. Vaughn.

Conservation practices in one area often impact other locations, sometimes miles away. "For example, besides increasing soil productivity, improved farmland drainage often benefits adjacent highways and nearby towns," Vaughn says. "Government decision-makers are anxious to spend limited public conservation funds in ways which buy the most conservation possible, that is, ways in which public benefits clearly and substantially exceed public costs."

Since their creation in the 1940s, Delaware conservation districts have helped build an agricultural land resource base that is the envy of other states, the specialist says. Moreover, rapid population and economic growth now have urbanized large areas throughout the state, creating additional urgent conservation needs.

"We know the problems and we know most of the solutions. But we are less certain of who will fund these future conservation programs," Vaughn says. As he sees it, the task is to find new ways to help finance essential farmland conservation practices while at the same time offering expanded and innovative services to Delaware urban areas.

State and local governments are the most likely sources of money to replace lost federal funds. However, they may never wholly make up for federal cutbacks. Instead, government at all levels may insist that landowners assume a larger part of the cost of those conservation practices lacking substantial public benefits.

State and local government support of district conservation programs increased nationwide from $13 million to $169 million between 1957 and 1982. A growing number of states now pay for district technical aid and resource information, and also supplement federal cost-sharing to help farmers adopt conservation practices. Some states even provide cost-sharing in urban areas where federal programs don't cover conservation efforts.

"In urban states such as Delaware, districts that don't respond suitably to urban conservation needs probably can't expect broad public support," Vaughn says. "This doesn't mean that districts in these states should stop working on farmland and shift totally to urban work. It's more a matter of achieving a new balance between rural and urban efforts."

The economics of agriculture and other land use changes continually, sometimes sharply, he says. Benefits and costs of conservation practices thus are subject to considerable change. He says it's essential to conduct comprehensive and continuing economic impact studies of conservation practices on a representative sample of Delaware lands. "These studies are needed to provide better benefit-cost information and to help fine-tune our conservation planning," he explains.

Future accomplishments in the areas of soil and water conservation may come even harder than those in the past, the specialist says. "More technical know-how, construction funds, skill in working with people, cooperation among concerned groups or individuals, and care for the total environment surely will be required--both for new projects and maintenance of those completed. Yet I'm confident that if we apply the same dedicated effort that has characterized Delaware districts since the 1940s, conservation programs and services of value to the people of the state can be funded and will succeed."

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Peanut restrictions

WASHINGTON, D.C. — Under Secretary of Agriculture Daniel Amstutz has said the U.S. Department of Agriculture will retain restrictions on the export of contract additional peanut products to Canada and Mexico. USDA had requested comments on the issue on May 18.

The restriction had been in effect since 1978 and had become an issue due to the substantial price differential between the U.S. and world market prices for peanuts, Amstutz said.

"This rule was implemented to protect against the possibility of contract additional peanuts being processed into products in the United States, exported to Canada or Mexico, and then imported back into the United States in competition with quota peanuts for a share in the domestic market," he said.

"Through the 1978-1981 crop years, prices for contract additional peanuts were near the quota loans rates and it was not economical to export, process and import the products back into the domestic U.S. market."

However, Amstutz said, recent legislation and weak world market prices, among other factors, have made it profitable to reimport into the United States peanut products made from contract additional peanuts that were purchased at prices lower than statutory minimum U.S. domestic edible prices.

"It is desirable that we minimize the potential cost to the government of the peanut program," Amstutz said, "and USDA has determined that Canada and Mexico shall continue to be ineligible countries for the purpose of exporting contract additional peanuts in the form of products other than seed products. The issue will be reviewed again next year for the 1985 crop."

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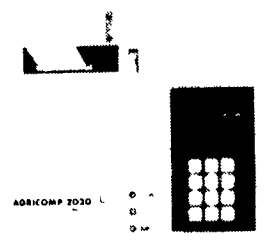

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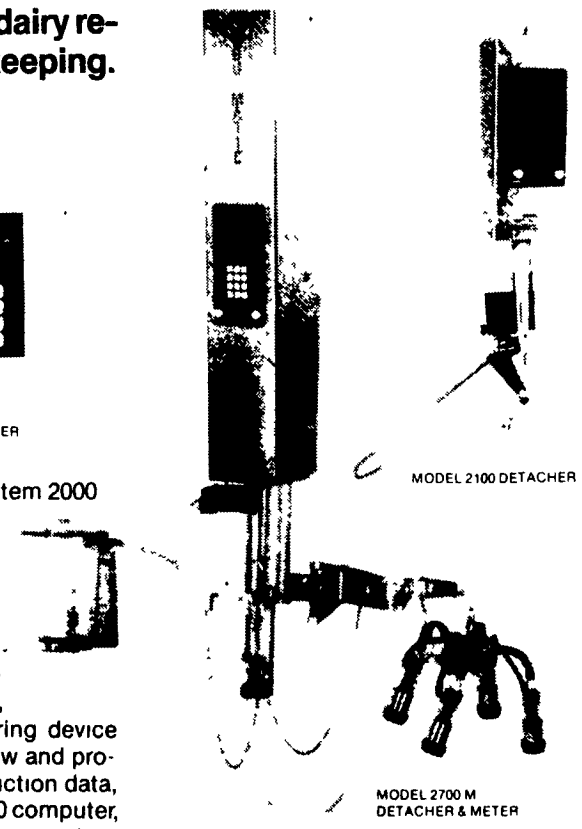

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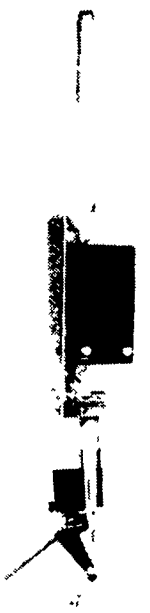

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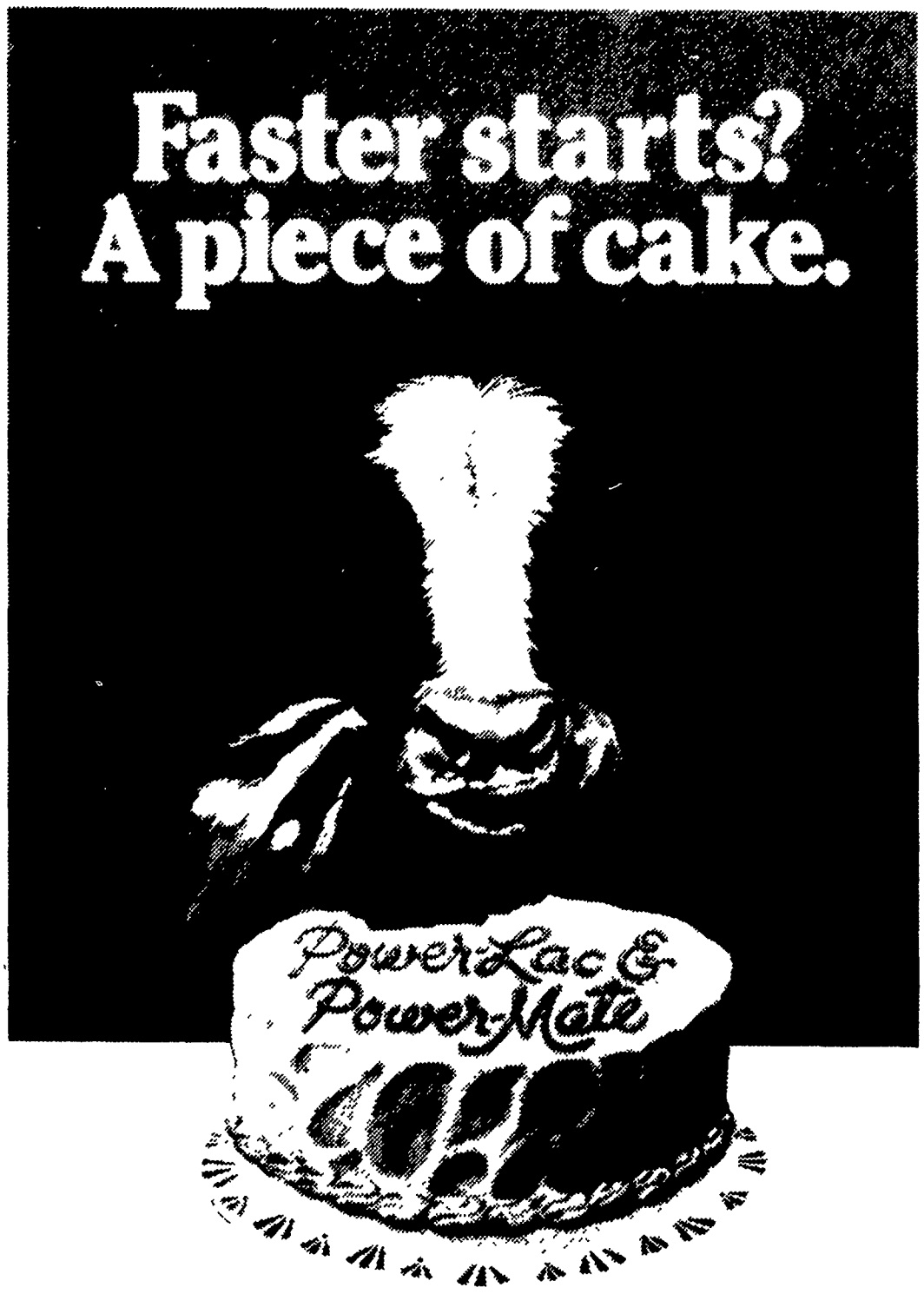

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Range nutrition experiments needed

DENVER, CO. — A sheep industry review committee has recommended more range nutrition experimentation involving various scientific disciplines at the U.S. Sheep Experiment Station in Dubois, Idaho.

The recommendation followed a review of the Dubois station by 45 sheep producers, educators and animal scientists. The Dubois station is the only federally funded experiment station doing sheep research exclusively.

The committee suggested adding a range nutritionist to the Dubois staff to identify the nutritional requirements of sheep at various stages and levels of production. The group felt a nutritionist's input is critical for determining nutritional requirements under different range conditions and to integrate nutrition and management for improved production efficiency.

Also recommended was an update of the handling and feedgrain storage facilities at the station, among other things.

Dr. Charles Parker, location leader at the Dubois station, called the industry review helpful. The committee's suggestions will be included in a six-year implementation plan being developed by the USDA Agricultural Research Service, which administers the Dubois station.

Industry leaders present represented seven Western states–Idaho, California, Colorado, Montana, Nevada, Texas and Wyoming–as well as the USDA-Agricultural Research Service, the National Wool Growers Association, the American Sheep Producers Council and the Sheep Industry Development Program.

Ritchie, Looney to present Simmental education program

BOZEMAN, MT. — Two highly respected educators are the featured speakers on the program of the American Simmental Association's Annual Meeting and Convention, scheduled for Jan. 31 to Feb. 1 at Honolulu, Hawaii.

Noted animal scientist Dr. Harlan Ritchie of Michigan State University, will present a discussion centered specifically around the Simmental breed. The title of his presentation is "Simmental - Where are we Today - Where will we be Tomorrow?".

Joining Ritchie on the program is Dr. J. W. Looney, Dean of the School of Law at the University of Arkansas. Dr. Looney, who is a cattleman himself, will present information concerning tax implications and guidelines for embryo transfer calves.

"We're pleased that two such outstanding authorities have agreed to present our educational programs", said ASA Executive Vice President, Earl B. Peterson. "Our membership should benefit greatly from their combined knowledge and expertise."

The Convention, which is ASA's 16th Annual Meeting since the Association was formed in 1968, will be headquartered at the Hilton Hawaiian Village on famed Waikiki Beach. Depending upon

which of several travel options are chosen by the individual member, side trips are also available to the big island of Hawaii and to Maui.

In addition to educational forums and necessary business sessions, numerous attractions of the area are also built into the schedule. An authentic Luau, an Hawaiian reception and a catamaran tour of Pearl Harbor are some of the options available.

"Most Convention activities are confined to the morning hours", Peterson elaborated. "It was our feeling that we should allow a maximum amount of free time so that participants may enjoy the beauty and uniqueness of Hawaii to the fullest".

Additional information regarding the schedule, the program, transportation, meals or housing may be obtained by contacting the American Simmental Association, One Simmental Way, Bozeman, MT 59715 (406) 587-4531.

LIVESTOCK LATEST ENTER DATA

National Shorthorn meeting scheduled for National Western

OMAHA, NB. — Dr. Roger Hunsley, executive secretary-treasurer of the American Shorthorn Association, Omaha, Ne., has announced that the annual meeting of the American Shorthorn Association is scheduled for Jan. 12-15. This meeting will coincide with the Shorthorn shows and the National Shorthorn Seedstock Special Edition II Show and Sale held at the National Western Livestock Show and Rodeo, Denver, Co.

According to Ric Hoyt, president of the American Shorthorn Association from Burns, Or., delegates representing 26 voting districts from across the United States and Canada will converge at the Denver winter show to take action on motions that will affect the national beef cattle breed organization for years to come. Two resolutions on the floor that the delegates will discuss concern the Shorthorn Performance Records program.

The first one states that Shorthorn owners consigning cattle to the following American Shorthorn Association sponsored events are required to have their total herd enrolled in the Shorthorn Performance Records program and provide individual performance records on each animal before their cattle will be accepted for the following events:

1. National Sale and/or Denver Seedstock Special.
2. National Polled Shorthorn Congress Sale.
3. National Range Bull Evaluation Center Sale.
4. North American Heifer Calf Futurity Show & Sale.

The second motion says that in order to be eligible for premiums at an American Shorthorn Association sponsored Open Show (American Shorthorn Association portion of the premiums), the owner's herd must be enrolled in the Shorthorn Performance Records (SPR) program. Each animal must have individual SPR records in order to receive American Shorthorn Association financial support. This resolution would become effective July 1, 1984.

Also planned for Thursday evening, Jan. 12, is a special meeting for all Shorthorn producers and interested cattlemen. Billed as the State Officers' and Breeders' Symposiums, the sessions will discuss the role of the state president, the role of the state secretary, the Shorthorn Performance Records program, and merchandising Shorthorn cattle.

The schedule of events are as follows:

Jan. 9 - 8 a.m.. All junior and open show cattle must be in place. (No arrival on grounds prior to Jan 6).

Jan. 12 - 7:30 p.m.: State Officers' and Breeders' Symposiums, Clarion Hotel. Jan 13 - 9 a.m.. Shorthorn Pen Bull Show, Yards. 1 p.m.: National Western Shorthorn Seedstock Special Edition II Show of Sale Cattle, Stadium Arena. 7 p.m.: Annual Meeting of the American Shorthorn Association, Clarion Hotel.

Jan 14 - 1.30 p.m.: National Western Shorthorn Seedstock Special Edition II Sale, Beef Palace Auction Arena. 7 p.m.: Annual Banquet of the American Shorthorn Association, Clarion Hotel.

Jan. 15 - 8 a.m.. Junior Shorthorn Breeding Heifer Show, immediately followed by Shorthorn Open Show, Stadium Arena

Jan. 16 - 6 p.m.: Release of Shorthorn cattle.

Dr. Hunsley stated that headquarters for the American Shorthorn Association in Denver, Co., will be the Clarion Hotel Denver Airport, formerly known as the Denver Stouffer's Inn. Deadline for reservations is Dec. 16, 1983. Room reservations may be made by contacting the American Shorthorn Association, 8288 Hascall Street, Omaha, Ne., 68124, 402-393-7200.

Corporation donates money to cattlemen's foundation

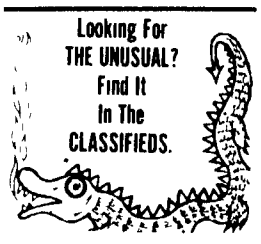
PAINESVILLE, Oh. — The Animal Health Business of SDS Biotech Corporation announced that a check for $38,553 has been sent to the National Cattlemen's Foundation, Inc. (NCFI) as a result of the company's ECTRIN· Gold Rush Refund Offer.

The NCFI is a branch of the National Cattlemen's Association (NCA). To commemorate the donation, SDS Biotech officials will present an check to NCFI President W.D. Farr at the Awards Luncheon of the 1984 NCA Convention in New Orleans.

When SDS Biotech unveiled the Gold Rush offer last January, little did company officials realize how much response the offer would generate. "The program was an absolute success," says Jack Dannemiller, vice president of the Animal Health Business. "The response exceeded all of our expectations. Cattlemen responded quite heavily."

The NCFI donation was a bonus element of the refund offer, in which cattlemen received a $2 rebate for each box of ECTRIN Insecticide Cattle Ear Tags purchased before June 1, 1983. On the refund certificate, cattlemen could indicate that SDS Biotech donate 25 cents per box to the NCA.

"We offered the refund because we realized that for our business to grow, the cattle industry must grow, too." Dannemiller said in explaining the program. "That growth must start on the grassroots level and work its way through all levels of the industry. So we added the donation provision to the $2 refund offer to demonstrate our total commitment to and support of the NCA and the industries it represents."



Beef publications now available

STATE COLLEGE — New consumer oriented beef publications, ranging from beef in the diet—to important health issues, are now available from the Pennsylvania Beef Council.

The brochures resulted from expanded consumer education, promotion and research programs being conducted by the Council and the Beef Industry Council of the National Livestock and Meat Board.

Over 50? A special publication based on ease of preparation, low cost meals and smaller portions is just for you. GOOD EATING IN YOUR SECOND FIFTY YEARS—WITH BEEF, will assist you in meal planning, purchasing and storing of fresh beef too.

National winning beef recipes from the National Beef Cook-Off held in North Dakota this September, include recipes from across the United States. A wide variety of beef cuts are used—ask for NATIONAL BEEF COOK-OFF WINNING RECIPES.

Facts based on research concerning health problems such as heart disease, cancer, hypertension and the use of beef and other red meats in weight control are brought out in EXPLORING THE KNOWN—MEAT, DIET AND HEALTH.

BEEF—A NEW LOOK AT ITS NUTRITIVE VALUE, is an attractive color publication, according to J. Paul Espy, president of the Pa. Beef Council. "The booklet compares calories, protein, B-vitamins, and minerals of several foods. Certain health issues related to the diet is also discussed," Espy said.

These publications are available from the PENNSYLVANIA BEEF COUNCIL for 50 cents each. Please also send a stamped, self-addressed envelope and include name of publication when writing to: Pa. Beef Council, 682 Webster Drive, State College, PA 16801.

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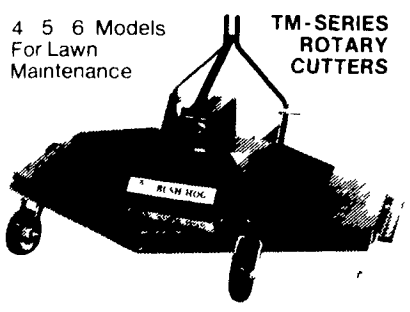

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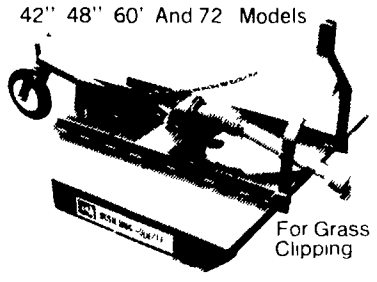

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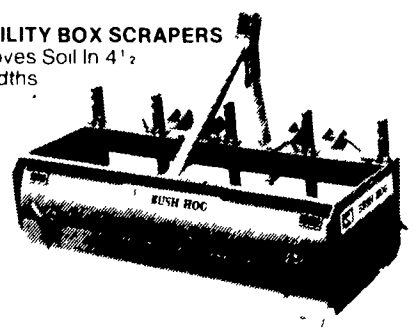

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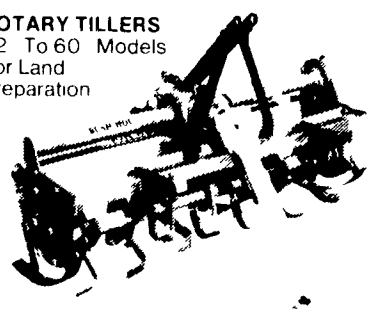

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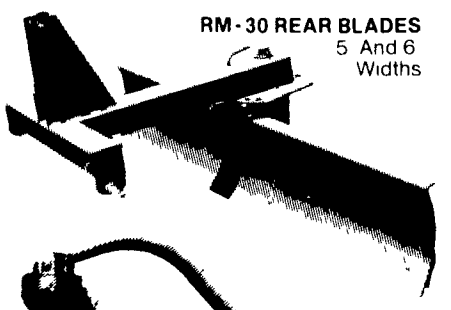

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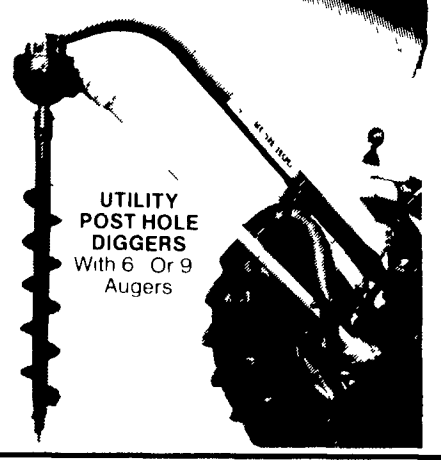

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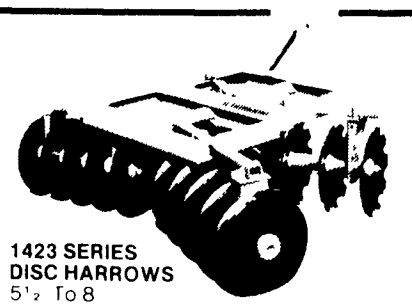

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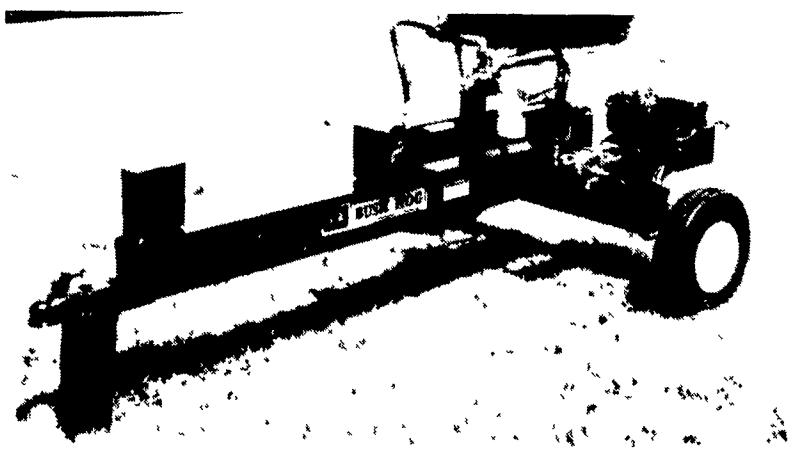

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Capacity	12 Ton	12 Ton	16 Ton
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Wedge Height	7'	7"	7"
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Tires	Highway	Highway	Highway
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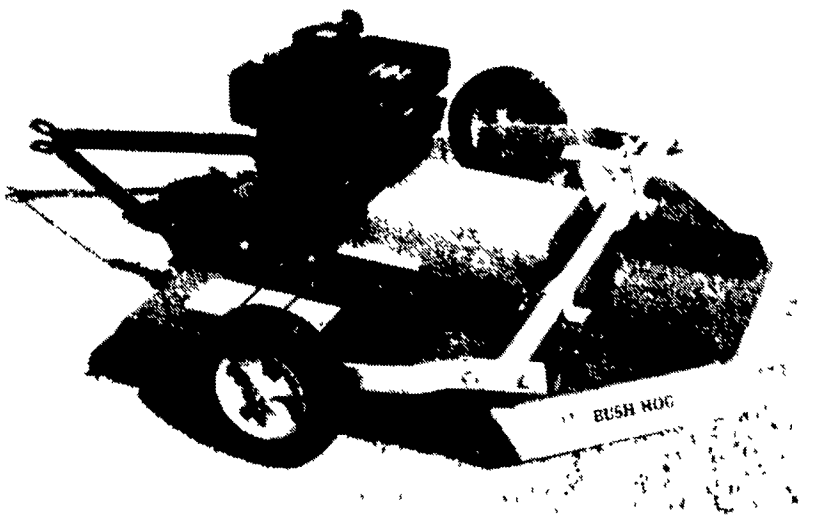

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Think in terms of overall crop management

ST. LOUIS, Mo. — Will reduced tillage - or even none at all - on your corn ground this fall limit soybean stand quality next spring? Experienced growers and researchers answer with a resounding "No!"

But before you jump on - or off - your tractor to change tillage practices, be aware you'll likely have to change other areas in your crop production program too, notes Tom Colvin, agricultural engineer with the U.S. Department of Agriculture at Iowa State University (ISU).

In an article in the November issue of **Soybean Digest**, a publication of the American Soybean Association, Colvin advises farmers to think in terms of overall crop management program, not just specific tillage practices. Key areas: planting, stand, weed control, fertilizer, cultivation, variety selection and pest control.

To help soybean farmers sort through their options, several Midwest crop production specialists offer their comments.

"I have yet to see that tillage clearly does something that is really all that necessary," declares Don Erbach, another USDA ag engineer at ISU, "except under certain conditions, such as poorly drained or highly compacted soils.

"Most of the time it seems tillage actually ends up being done to control weeds and to make the planter work better. And I'm not so sure the plant responds that much to tillage," he adds. "Test after test shows that when weeds are controlled, soybeans respond excellently to no tillage at all."

Other specialists agree. "We can plant soybeans directly in 180-bushel corn stubble and get a stand comparable to that in a moldboard plowed seedbed," says Marvin Swearingin, Purdue University agronomist, "without any chopping or tillage - so why do it?"

Gyles Randall, University of Minnesota soil scientist, reports

(Turn to Page F5)

Pa. conservation commitment increases

HARRISBURG — Pennsylvania farmers are increasing their commitment to soil conservation in spite of a tight agricultural economy, reports James Olson, State Conservationist for the USDA, Soil Conservation Service (SCS).

Olson added that new ways of reducing soil erosion have been developed in this decade and are proving popular with farmers. He predicted an increase in land protected against erosion in the present decade.

SCS reports show that adoption of conservation tillage by farmers has more than tripled in the past three years — from 18,000 new acres in 1981 to 57,000 new acres this year.

Annually, over one-half million acres of Pennsylvania cropland are planted by no-till or other conservation tillage methods. Conservation tillage is the planting of a crop in the surface residue of the preceding crop and includes no-till farming and chisel plowing. It can decrease soil erosion by up to 80 percent with proper soil surface residue.

"The effectiveness, time saving, and low cost of this practice are responsible for its popularity with farmers," said Olson.

Animal waste management systems are another new conservation effort. In 1978, SCS assisted 58 farmers in implementing waste management systems; in 1983, they assisted 318.

Farmers, mainly in southeastern Pennsylvania, are accepting tile outlet storage terraces in increasing numbers. Over 164,000 feet were built in 1981. This year the footage increased to 350,000 feet. This practice permits farming of all the land. The older system of waterways and diversions requires these practices to be kept in a grass cover. However, diversions remain a key structure in controlling hillside erosion in much of the State as documented by the 667,000 feet constructed last year.

Structures for water control such as drop inlets increased from 177 in 1979 to 531 in 1983. This is a further indicator of increasing farmer interests in soil and water conservation.

Olson indicated that the "old reliable" soil conservation practices such as conservation cropping systems, contour stripcropping, and diversions have remained constant in amounts established over the past decade.

"This record is significant," said Olson. "Farmers are in rough economic conditions but their investment in soil conservation is increasing. This means a good future for Pennsylvania agriculture and better water quality in our streams and lakes."

"Also significant is the fact that conservation practices established in 1983 reduced soil erosion in Pennsylvania by over one million tons. However, when one realizes that this progress is less than one percent of the need, you know we have a long way to go," summarized Olson.

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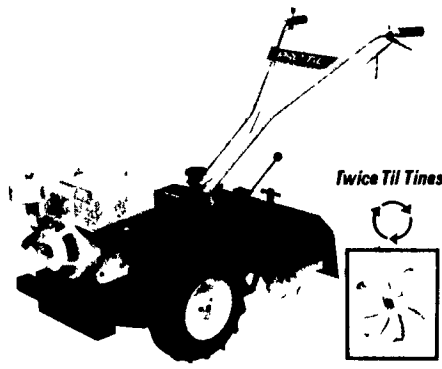

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Overall crop management

(Continued from Page F4)

that a five-year study of eight cropping systems shows comparable yields under all systems, as long as weeds were controlled. Nitrogen fixation, root development and emergence all looked good in the test plots.

Colvin says it's not so important whether you disk or chisel plow, but how much residue you leave. More ground cover provides better moisture conditions for germination and fewer crusting problems, improving emergence.

"Look at conditions rather than tillage tools. If your goal is 65 percent residue, it doesn't matter how you get it. But it matters a great deal - from a soil erosion standpoint - how much residue you leave," he stresses.

Swearingin agrees. "The name of the game to reduce erosion is residue," he says. "The more you bury with tillage, the less you have on top to protect the soil."

Erosion causes most damage in May through July - when crops establish their stands and have the least ground cover under most tillage situations. So, leaving stalks all winter - then burying most of it in preplant operations - carries little advantage for erosion control, says Colvin.

ISU experimental plots that received 5 inches of simulated rainfall in two hours showed soil covered with corn residue cut water runoff by 72 percent, soil erosion by 90 percent and nutrient loss by 76 percent, compared to plots without residue cover.

Colvin has some suggestions concerning fertility. "In a corn/bean rotation, consider applying fertilizer for 1985 corn in this year's corn stubble - before you plant 1984 soybeans," he suggests. "This way, you could carry more corn residue into the following year." Fall-applied fertilizer doesn't necessarily require disking in, he adds.

Some growers rotate tillage practices and incorporate fertilizer once every few years. Others apply fertilizer while cultivating. New application technology may be another answer. Some growers are turning to rigs that knife in nitrogen, phosphorus and potash in one operation. They put fertilizer below the surface while only minimally disturbing soil and residue.

You can control weeds in reduced-till situations, the specialists note. In some reduced-tillage systems, a pass or two may be necessary to level soil, control weeds or apply/incorporate herbicide before planiting, notes John Siemens, University of Illinois ag engineer.

With no-till, pay special attention to herbicide selection, he adds. Applying contact or burn-down chemicals along with early planting tends to control weeds before they get too large.

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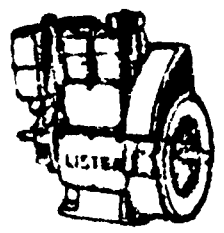

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The basic plans are as follows:

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Ideal for any planter fertilizer. We can deliver in bags or bulk into a bin or gravity wagon. (January delivery discount allowed)
2. **January Payment And Season Delivery**
This program locks in January prices for delivery any time in season.
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★ **CALL - Our Qualified Sales People Will Be Happy To Call On You!**

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PHONE: 717-397-5152
Hours: Monday thru Friday 7:30 to 4; Sat. 7:30 to 12
(No Shipping)

Sale Reports

A Complete Dispersal was held December 20 by Pete and Gerry Carey along Route 49, Harrison Valley, Potter County, Pa. The sale was well attended and many people from Lancaster County were present.

Approximately 70 acres of hunting ground with a trout stream was sold for $250 an acre to a Lancaster Countian. The farm is also for sale.

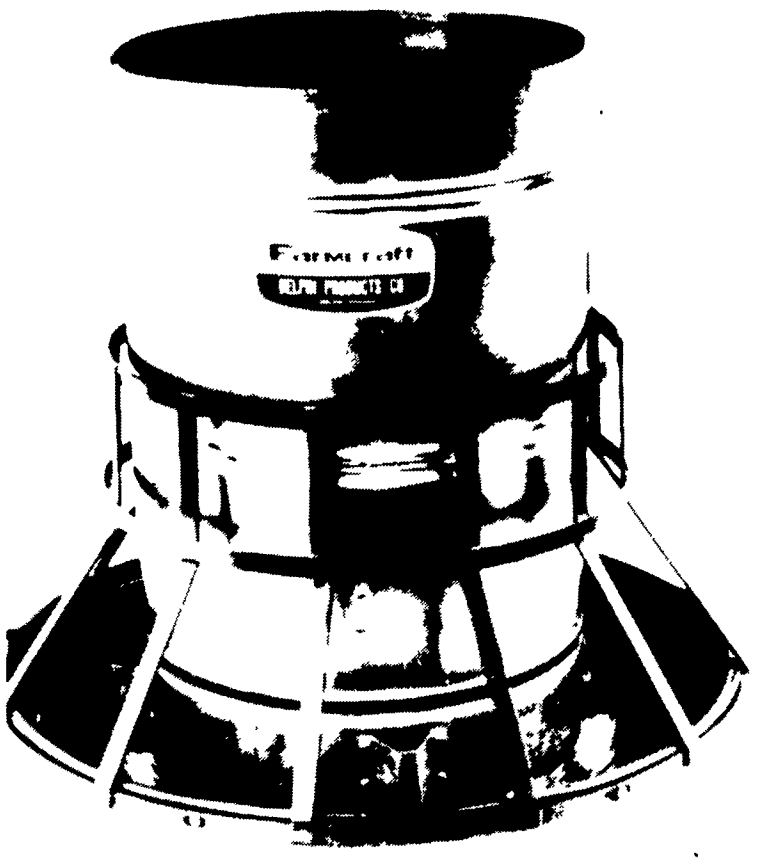
The 135 head of registered and grade Holstein cattle averaged $500 per head and this included the 18 started calves. The top cow sold for $1850, the 2nd high for $1200 and another for $1100. Baby calves sold between $350&$500.

Other prices included: Int. 3388 tractor $13,000, 12' disc $1100, N.H. 770 chopper $2425, Jerr Dan hyd. unloading wagon $1550, and N.H. roll bar rake $1125.

Managed by Painters Auct. Service with auctioneers Harold Fraley & Dick Crittenden.

SADDLE UP!
To Better Equipment... Find It In Lancaster Farming's CLASSIFIEDS!

BUSINESS NEWS...



New line of rotary hog feeders has been introduced by Farmcraft Agri-Systems.

Rotary hog feeders debut

DELPHI, Ind. — A new line of rotary hog feeders featuring an extra-heavy electro-welded grill, fused-on tough glass-coated feeder trough and rust and corrosion-resistant stainless steel drum has just been introduced by its manufacturer, Farmcraft Agri-Systems division of Underhill Industries, Inc., P.O. Box 256, Delphi, Ind. 46923. These new feeders are warranted to give up to 10 years of service and are offered in three and six bushel capacity models.

Wear and abrasion caused by rough and wet hog snouts, as well as rust and corrosion are minimized by a thick, super-hard and smooth glass coating all over the troughs, inside and out. The super-glossy surface discourages bacteria formations and promotes good animal health, and is easier to clean and disinfect

The grills are made of ¼"x1" steel or stainless steel straps and are welded throughout. These grills may be purchased alone as replacements on older model Farmcraft rotary feeders.

Another feature is a new and improved top-operated crank-type adjustment control that "fine tunes the amount of feed flow to the trough. It can be changed, as desired, to match the weight and girth of the animals in the pen Sizable savings on feed result

Purchasers make an extra saving because the feeder is shipped in sections which may be assembled easily with simple tools.

Henke acquires Kools

COLUMBUS, Neb. — Henke Machine, Inc. recently has acquired the Kools Brothers, Inc line of forage blowers, announced Wayne Davy, president.

"The addition of Kools forage blowers complements the multiple product lines Henke now manufacturers," said Davy. "These are roller mills, feeder mixers, square bins, and grain handling equipment including conveyors, cleaners and screeners Actually, the blowers on our roller mills are essentially Kools blowers with some Henke parts.

During the past 40 plus years, we've acquired a solid reputation and dealer network throughout major dairy, cattle and hog producing areas. We expect this line of forage blowers to enhance and further strengthen our position in the industry," said Davy.

GIGANTIC SELECTION IN Lancaster Farming's CLASSIFIEDS

Hesston introduces mower, rake

HESSTON, Ks. — Hesston Corporation has introduced the new Model 1030 Rotary Disc Mower, 1035 Conditioner attachment and the Model 3700 Tedder-Rake.

The 1030 Rotary Mower can be used either as a mower, or with the addition of the 1035 conditioner attachment, as a mower-conditioner. It features two drums and three discs, each with two cutting knives, for total cutting width of 90 inches. Drums and discs are driven with a PTO driveshaft through the top of the frame for plug-free cutting.

According to Hesston Product Sales Manager, Dexter Schaible, "The 1030 Rotary Disc Mower offers high capacity cutting in the toughest hay or grass conditions. Adjustable lower pins permit easy off-setting of the mower up to five inches, so tractors with wide tire spacings won't run over uncut hay. The 1030's folding design provides a transport width of 90 inches for easy roading."

The optional 1035 Conditioner attachment is powered by a separate PTO shaft running from the transverse-mounted gearbox on the rear of the machine. "This attachment offers adjustability for varying crop conditions," says Schaible. "One roller is equipped with rubber vanes that mesh with a metal counter roller. This design ensures thorough conditioning across the full width of the machine."

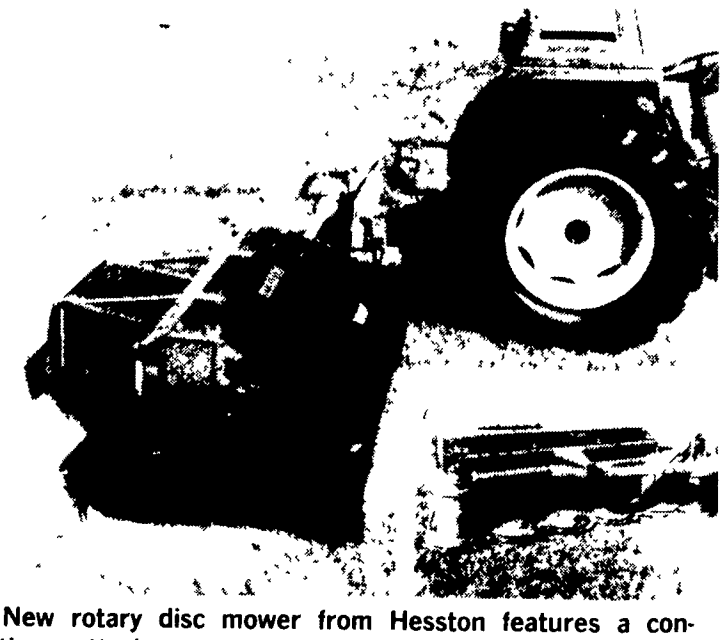
According to Schaible, everything is adjustable on Hesston's new Model 3700 Tedder-Rake, including tines, swath deflector, basket position and basket rotation. The two PTO-driven baskets are independently driven and adjustable to match conditions or contour. Basket raking speed is variable down to 180 rpm without sacrificing raking speed or capacity.

"The horizontal, spring-loaded double tines gently feather the crop sideways, automatically lift for transport, and instantly pivot up when striking an obstruction," said Schaible.

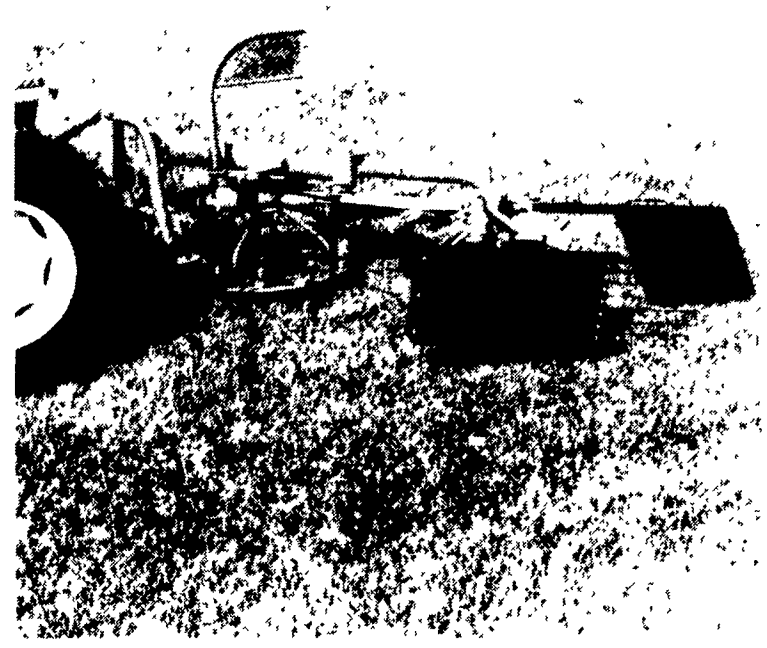
"When windrowing, the crop is moved sideways, so the Tedder-Rake is ideal for raking near fences, ditches or in windy conditions. Forming shields offer easy adjustment to control windrow width.

"When tedding, the rotary drives counter rotate to pass the crop between the baskets and spread it out at the rear of the machine," Schaible said.

Schaible noted that "very few products have the adaptability and dependability of these new Hesston machines."



New rotary disc mower from Hesston features a conditioner attachment.



Tedder-rake introduction from Hesston provides total adjusting capability.

New baler unveiled

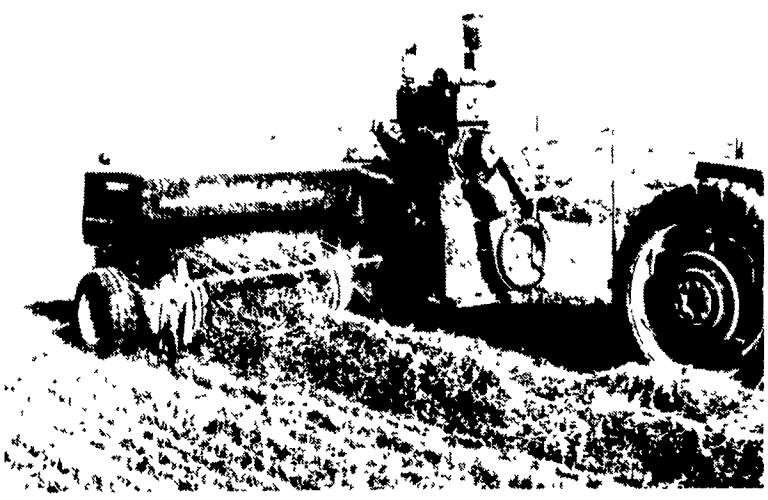
NEW HOLLAND — The new Model 505 baler is for commercial hay producers, says Doug Gammie of Sperry New Holland. It's designed for the irrigated alfalfa country where it's easy to cure hay very dry for no-mold, high-density baling. Automatic bale wagon handling for the 150 pound bales is assumed. Bale cross section is 16x23 inches.

Engine drive versions are supplied with either a 50HP diesel or a 56HP gas engine. PTO units are equipped with a 90HP drive line so larger tractors can be used.

The new baler is different from earlier models in both knotter and feeder design, according to Gammie who is product manager for balers at New Holland.

The feeder is a new extra-duty Flow-Action that replaces the Channel Flow of the "500". This is a very durably built unit. The tine bar is steel, not aluminum. It has a solid connection to the drive chain (without springs). It's driven from one end and has fewer parts than the design it replaces. The more accurate feeding results in the largest baling capacity of any machine in its class, along with better bale shape. Bale corners are square and dense. This improves bale handling characteristics when the hay is shipped.

The improved knotter life is a benefit of a change to hardened steel bill hook rollers (from brass). The bill hook cam on the knotter frame is hardened steel (replacing cast) and replaceable. Hardened spacer washers have been added between the bill hook pinion and knotter frame.



A new, heavy-duty 3-tie baler from Sperry New Holland is available in twine or wire-tie versions.

Beachley-Hardy opens in N.Y.

CAMP HILL, Pa. — Beachley-Hardy Seed Company, headquartered in Camp Hill, Pa. has announced the acquisition of warehouse facilities in Waterloo, NY.

Frank Welch, the seed company's marketing director, said that the new facilities at 538 Waterloo-Geneva Road will carry the company's full line of products. These include Hardy Brand corns, W-L alfalfa varieties, and Beachley-Hardy's full line of seeds for forage, soybeans, winter and spring grains, grasses for forage, turf grass and lawn seeds.

Keith Culver, of Auburn N.Y., will serve as warehouse manager. Culver earned his Associate Degree in Agricultural Engineering from Morrisville Agriculture and Technical College. Most recently he was employed by Agway Seed Division, in Buffalo, New York. Culver said that the new operation began servicing customers on Jan 1

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New ARMOR

Fast growing, long lasting, big yielding alfalfa

- Now, the best winterhardiness, disease and insect resistance available in an improved early-maturity alfalfa
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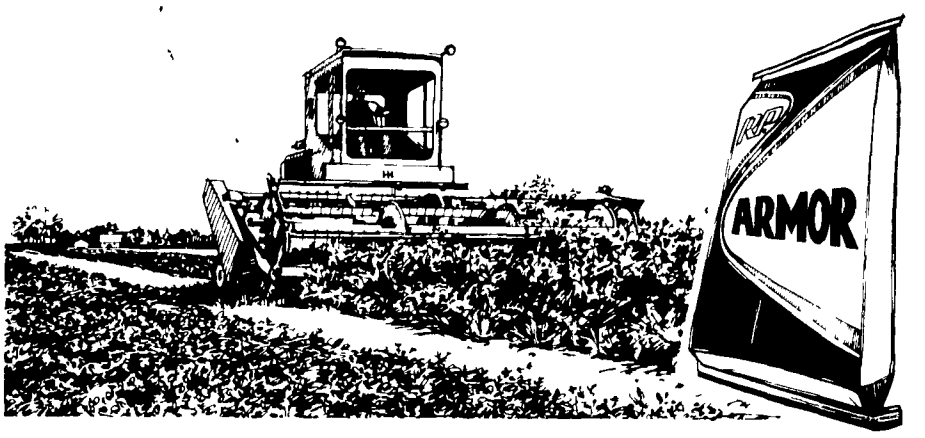
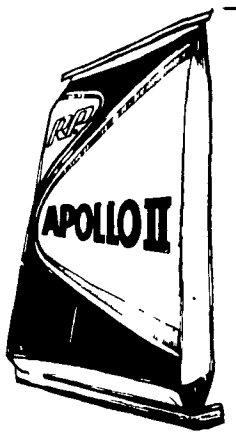
- Fights Phytophthora root rot ("wet foot" disease), anthracnose, bacterial and Fusarium wilt, pea aphids and leafhoppers.
- Winterhardiness fully equal to Vernal, plus good drought tolerance
- Fast growth, rapid recovery after cutting
- Full season performer — starts early in the spring, grows later into the fall
- Available with GroZone seed coating





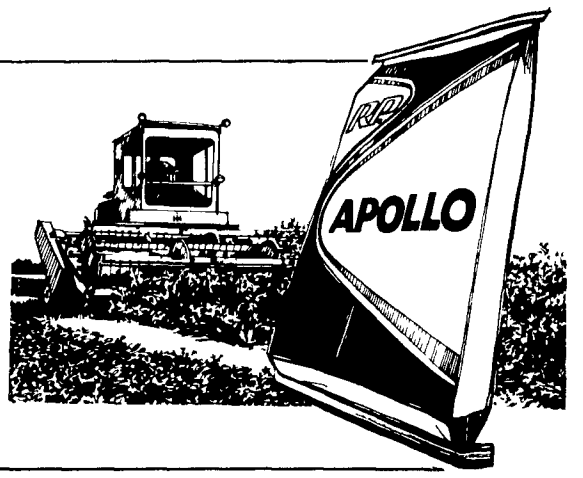
New APOLLO II

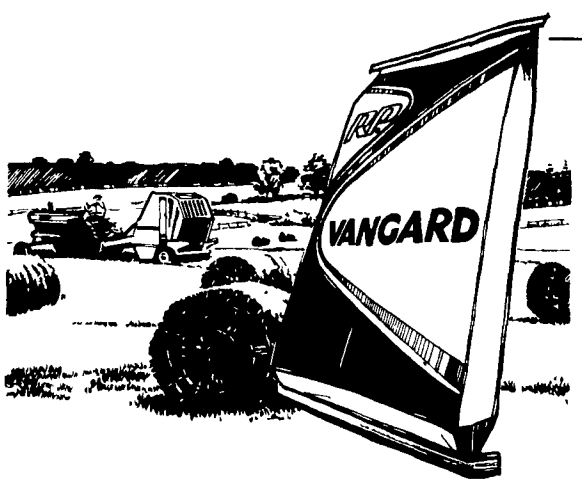
The right alfalfa wherever Verticillium wilt threatens.

- The best Verticillium wilt resistance available in combination with bred-in protection against other major diseases and insect pests.
- Fights Phytophthora root rot ("wet foot disease"), anthracnose, bacterial wilt, Fusarium wilt, pea aphids, spotted alfalfa aphids and leafhoppers
- Rapid seedling establishment.
- Good winterhardiness and drought tolerance
- Excellent yield potential
- Available with GroZone seed coating

Your first choice to beat "wet foot" disease

- High Resistance to Phytophthora root rot & "wet foot disease"
- Very high yield potential
- Excellent winter hardiness
- Rapid recovery after cutting
- Greater resistance to anthracnose, pea aphids and leafhoppers than most other alfalfas





Ahead in yields and anthracnose resistance.

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- Fine stemmed, leafy forage
- Available with GroZone™ Seed Coating

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The improved red clover variety for outstanding pasture renovation.

- Excellent for interseeding into existing grass pastures
- High yielding forage boosts pasture quality and haymaking potential.
- Helps increase milk production. Improves beef cow conception rates and average daily gains of beef cows and calves.
- Nitrogen-fixing ability helps reduce fertilizer costs.
- Excellent resistance to both northern and southern anthracnose, powdery mildew. Maintains palatability and feed value.

- Available with GroZone seed coating

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How to make 1984 safer on the farm

WILMINGTON, Del. — Making your farm a safe place to live and work in 1984 is one goal you'll want to reach - and keep.

While there's some good news concerning farm families and their safety consciousness, (80% of farm homes now have smoke detectors), farming continues to be a dangerous, high-risk occupation.

That's the consensus of a new farm safety survey just compiled by Du Pont Agricultural Chemicals, makers of "Lexone" DF.

The survey questioned 5,000 soybean farmers int he Delmarva and other major soybean areas in the U.S.

Some highlights of the survey:

—17.5% of the soybean farmers responding said a member of the immediate family, a close relative or a neighbor had been killed or injured in a farm accident in the last two years.

—9.5% of the respondents had an accident or injury causing a loss of time on their farm last year. 44.8% were machinery-related accidents, 22.4% were caused by falls, 6.9% were chemical related.

—Only 40% have ever attended a safety meeting.

—50.4% say they always wear gloves when mixing agrichemicals, but only 19.7% say they always wear goggles. Most (68%) store agrichemicals in a barn or farm shop rather than a special chemical storage building.

—Nearly 80% have smoke detectors in their homes.

—Nearly 80% have a fire extinguisher on their combine, but only 45% have a fire extinguisher in their barn.

—Just 39% have the Poison Information Center phone number posted near their telephone.

—49% wear seat belts in their cars and pickups "sometimes"; 46% said they never use seat belts.

As the survey statistics indicate, part-time safety in any phase of the farm operation invites personal loss, and often tragedy.

No loss compares with the farm accident which costs the life of a family member. Less tragic, but extremely serious, is loss of an arm or leg - or health.

Common sense is basic, but safety specialists believe more caution is needed. Also, proper safety equipment.

For example, when working with farm chemicals, farmers should wear gloves and goggles. For best resistance to chemicals, gloves should be made of natural rubber, and of medium to heavy weight. Gloves should extend up past the wrist so that they reach above sleeve cuffs. Do wear long sleeves.

Goggles used for protection against agrichemicals or anhydrous ammonia have special air vents, hooded to help prevent liquids from entering. Goggles used for shopwork probably don't have that added degree of safety, extension safety specialists say.

The Du Pont survey clearly shows that farm families have made some positive strides in several areas, but much remains to be done to prevent farm accidents.

How safety conscious are you? Take this 20 question quiz and see how you score. Then, set your 1984 goal to make it a safe year on your farm.

20 Questions To Rate Your Farm Safety Consciousness

	YES	NO
1. I have attended a farm safety meeting in last 12 months.		
2. Our house has at least two smoke detectors.		
3. All safety shields on implements and power tools are in place and in good repair.		
4. Everyone who operates a combine or other heavy equipment stops regularly to take a 10-minute break.		
5. We have a fire extinguisher in the house.		
6. We have a fire extinguisher in the barn.		
7. We have a fire extinguisher on the combine.		
8. Farm chemicals are stored in a separate, locked building.		
9. We wear gloves when handling agrichemicals.		
10. We wear goggles when mixing agrichemicals.		
11. My family and I wear seat belts when driving the car or pickup.		
12. I always wear long trousers mowing the lawn.		
13. I always wear safety footwear while mowing the lawn.		
14. I have my state's Poison Information Center telephone number posted by the telephone.		
15. I always read the label before using a chemical.		
16. I am familiar with respirators and dust masks and know when they should be worn.		
17. I have a bump cap or protective headgear to wear in the farm shop.		
18. I avoid wearing loose clothing while working around machinery or in the shop.		
19. When working on the combine, I solidly block or use safety stands on the header before working underneath.		
20. I check clearances, especially of over head power lines.		

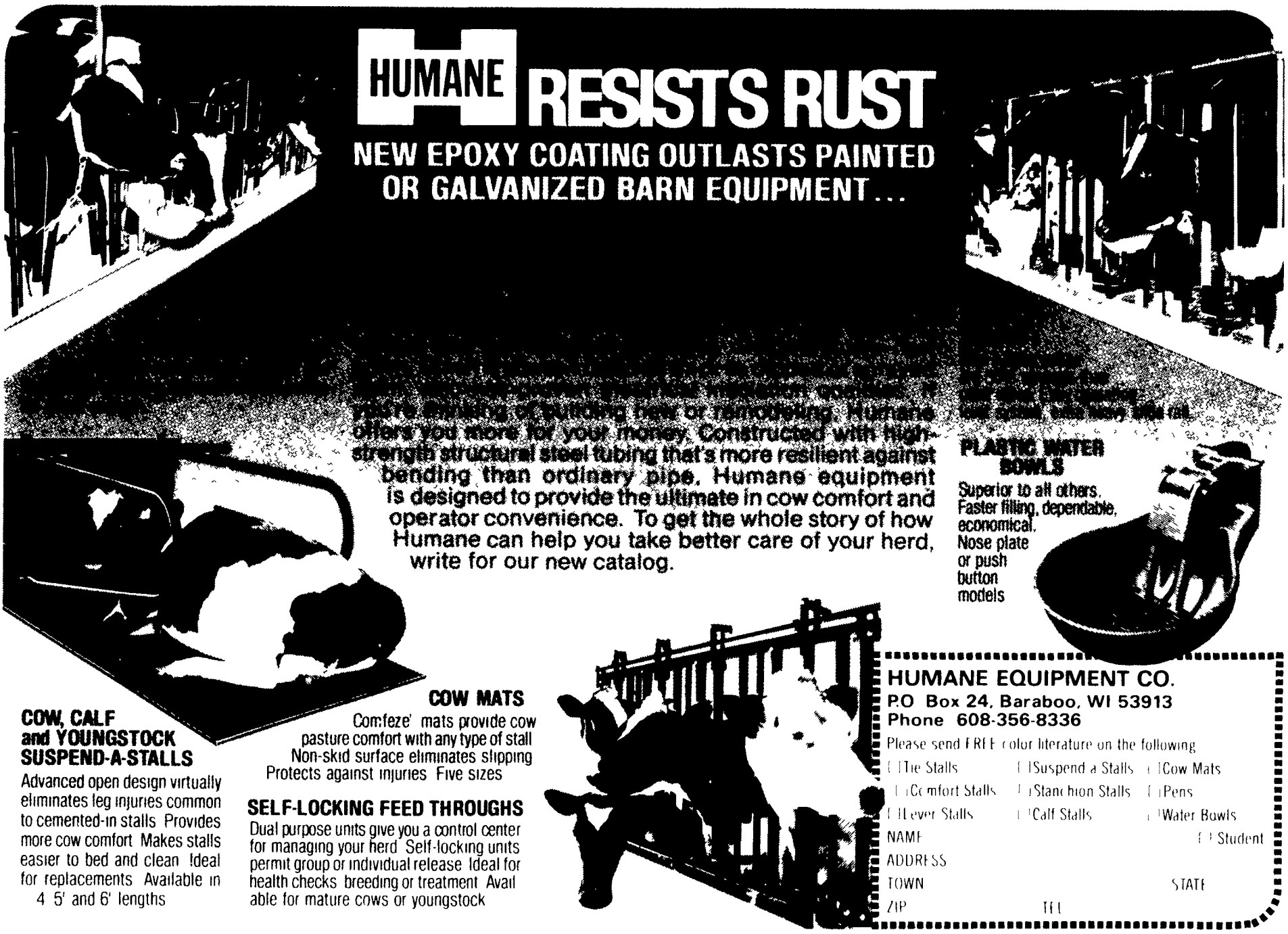
How Did You Fare?

I'm safety conscious and well protected - 18 to 20 "yes" answers.
I'm better than average but need to do more - 15-17.
I'm average but just not up to snuff - 12-14.
I could be in trouble - 9-11.
I'm an accident waiting to happen - 9 and below

Dairy Refund Program

LANCASTER — Milk producers may have their second 50 cent CCC milk deductions refunded if their milk marketings for October and November 1983 are at least 8.4 percent less than the average of the marketings for October and November of 1981 and 1980. Applications should be made with the ASCS office by March 31, 1984.

Check stubs or monthly milk receipts are required as evidence of milk marketings.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Badger Northland's New
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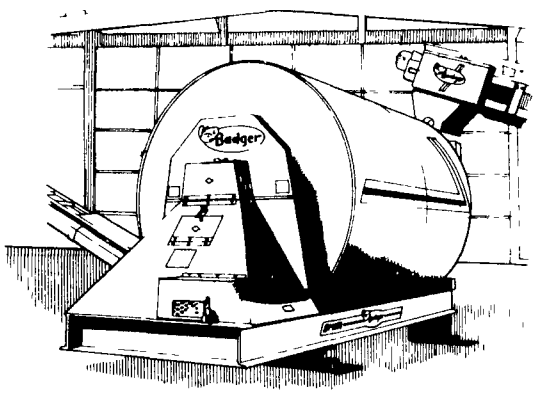
Get more from your feed . . . more from your cattle!

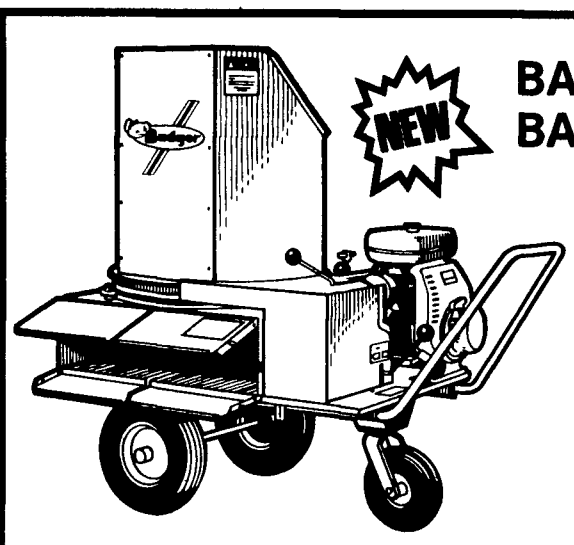


With nearly 30 years of experience in the feeding efficiency business, the folks at Badger Northland know that complete blended rations are the way to go for increased production and profits in your feeding operation

That's why they're introducing the Tumble-Mix Feed Weigher/Mixer system Built simple, yet rugged and efficient, the Tumble-Mix will give you a more thorough mix thanks to its unique rotary action without overmixing or separation Corrosion problems are virtually eliminated because the Tumble-Mix empties *all* the feed into your conveyor And because of Tumble-Mix's low horsepower requirement and fast mixing action, it's energy efficient!

Tumble-Mix is available in two sizes to fit *your* needs Choose from the BN4180, 3,600 lbs capacity - 180 cu ft or the BN4100, 2,000 lbs capacity -100 cu ft

Whichever Tumble-Mix you choose, you'll get your production and profits rolling the right way right away See your Badger Northland Dealer soon Find out why he's "setting the standards" with the best line of feed handling equipment in the business



BADGER BN32 BALE CHOPPER

Cuts bedding costs by up to 35%.

Helps with all kinds of chores!

Whether it's straw, hay, corn stalks or even baled paper. You name it. The BN32 will chop and spread it.

No more breaking and shaking bales by hand. The BN32 saves time by bedding faster and more evenly. Makes manure handling easier too because bedding is finely chopped. Less wear and tear on transfer equipment. (Makes your manure spreader's job easier!) The large pneumatic swivel caster adds greater maneuverability, too!

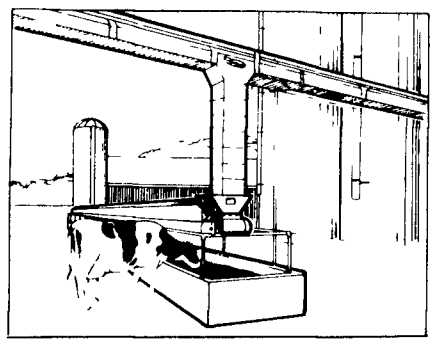
Available in your choice of 7.5 h.p. gas engine or 3 h.p. electric power.

Come on in and see the new POW-R-EXPRESS Belt Feeder/Conveyor System now!

Expressly Badger-built for increased feed handling efficiency, the POW-R-EXPRESS adds a new dimension to feeding. See how the POW-R-EXPRESS moves high feed volume with low horsepower Simple design makes for easy maintenance and reliability. . top performance under any conditions That's the POW-R-EXPRESS!

If you're interested in a belt feeding system, now's the time to stop in and see why we're called the feed handling specialists.

And while you're here, take a look at our POW-R-GLIDE Conveyor, the perfect compliment to the POW-R-EXPRESS.



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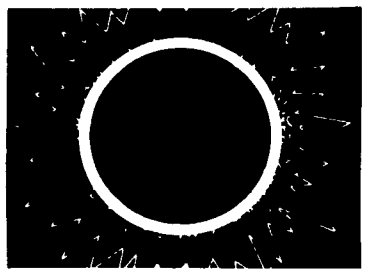

Energy Edicts

By James W. Garthe

Penn State Ext. ag engineer

Because Pennsylvania farmers use a large amount of fuel, proper handling is a necessity, says James W. Garthe, Penn State Extension agricultural engineer. Proper handling techniques can help you get the most out of your fuel dollar.

Contamination, leaks and evaporation are all major causes of fuel loss on the farm. The best policy is to get good fuel, put it in a clean tank and keep it free from contamination. Frequent inspections for leaks and a few safeguards against gasoline evaporation are also good ideas.

All containers and tanks should be properly labeled to avoid mixing fuels and causing contamination. Storage tanks should be tilted with a drain on the low side and the delivery hose on the high side. The tilt allows rust, sediment, water and other contaminants to be drained out of the lower part of the tank. For extra protection, the delivery hose can be equipped with a fuel filter.

To prevent water contamination, condensation should be kept to a minimum. To do this, keep your tanks as full as possible. A full tank leaves little space for water to condense. Checking the fuel filters of a diesel tractor, or the sediment bowl of a gasoline tractor, prevents water from rusting precision fuel system components. Water in a diesel engine is trouble, and can cause costly breakdown of the sophisticated fuel injection system.

Regular inspections of storage tanks, the surrounding ground, all hoses and connections will help spot a leak. Drops of fuel on the tank or connections are fairly easy to see. Wet spots or stains on the ground could be the first signs of a leak.

While evaporation isn't much of a problem with diesel fuel, it can contribute to sizable losses of gasoline. To minimize evaporation losses, in above ground tanks, paint storage tanks white and shade them. White or other light colors keep cool by reflecting much of the sun's rays. Finally, a pressure-vacuum relief valve will reduce evaporation and condensation caused by temperature variations. These inexpensive valves are available in farm supply stores and catalogs, or from fuel suppliers. They reduce evaporation losses by keeping the fuel under slight pressure when the fuel is warmed by the weather. As the fuel cools, a slight vacuum helps prevent air from entering the tank.

Kubota lists new tractor

LOS ANGELES, Cal. — Kubota Tractor Corporation has announced the addition of the B8200 HST to its unique line of compact tractors.

Offering more powerful hydraulics in a compact frame, the new B8200 HST has been redesigned with hydrostatic transmission for a variety of tasks including loading, mowing, digging, and hauling.

Its 3-cylinder water-cooled diesel engine is conservatively rated at 19 H.P. at 2600 RPM from 927 cc's. The smoother, quieter low-vibration engine makes this tractor especially suitable for growers and ranchers.

The clean-lined B8200 HST, available in 2 or 4 wheel drive, features a totally enclosed engine compartment, wide hand rails on rear fenders, deluxe padded seat, and extra wide foot rests for operator stability and convenience.

The three speed ranges for forward and reverse may be quickly selected by an easy-to-use auxiliary speed lever. Changes from forward to reverse, or from creeper speed through top speed can be controlled fast and simply with the shuttle foot pedal.

Exceptional lugging power provides the B8200 HST with the ability to pull a 12-inch plow in normal soil conditions. The tractor can operate at faster speeds with a higher two-speed PTO, allowing implement versatility such as tilling and spraying.

The rear axle design is stronger to handle more demanding applications. The front axle of the 4-wheel drive B8200 HST incorporates a standard bevel gear system design comparable to Kubota's larger L and M series. This provides the tight turning radius of many 2-wheel drive tractors, as well as a smooth, full-power transfer to the wheels at all steering angles. The wheel base of the B8200 HST is 60.4", tread width is 35.4" in the front, and 41.3" in the rear. Farm and turf tires are available, and a Category I three-point hitch is standard.

The hydraulic pump puts out 6.5 gpm on both the 2 and 4 wheel drive models. The hydraulic block incorporates a three directional flow front mounted implements; rear mounted implements; and optional power steering. Hydraulic power is also directed to the control valve which contains two spools. One feeds the 3-point hitch circuit, and the other provides flow to an optional remote outlet.

Offering more powerful hydraulics in a compact frame, the new 3-cylinder, water-cooled B8200 HST from Kubota has been redesigned with hydrostatic transmission for a variety of tasks including loading, mowing digging and hauling.

Guy Braxton

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Those taking advantage of the consulting service will have a security system installed with a $200.00 reduction in price. Those signing up before January 31, 1984, will receive an additional $100.00 in safety items that are badly needed on the farm. 1983 saw several barn fires that were set. **Don't delay! Call today!**

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It's In Your Best Interest

Advisory group to meet

WASHINGTON, D.C. — The U.S. Department of Agriculture's Meat and Poultry Advisory Committee will meet in Atlanta, Ga., Jan. 18 and 19.

The meeting, which will be held at the Georgia World Congress Center, 285 International Blvd., begins at 9 a.m. each day and is open to the public.

The committee advises the secretary of agriculture on issues pertaining to the meat and poultry inspection program.

Committee members will discuss:

— A proposal to require more prominent labeling of cheese substitutes and a minimum amount of natural cheese in meat pizzas;

— Proposed standards for cooked poultry sausage;

— Proposals for more conspicuous labeling of pet food;

— An update on fish protein;

— Criminal activities in the meat and poultry area;

— Import inspection and review of foreign inspection systems;

— Meat and poultry exports to the European Economic Community;

— Audit results of meat and poultry industries; and

— The fiscal year 1985 budget for USDA's Food Safety and Inspection Service.

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Swine breeding operation

New Park couple moves from part - to full-time farming

NEW PARK — When Dan and Amelia Buttorff established a gilt producing program in 1979, their success enabled them to switch from part- to full-time farming.

"This is something we had dreamed of doing during the previous 10 years," Dan says. "And without our gilt producing operation, I know I wouldn't be farming full-time right now. I definitely believe it has helped us to farm successfully."

For ten years prior to starting their gilt producing operation, Dan worked full-time as a public utility representative. He resented the double burden of farming and full-time employment. "This is where I wanted to be," he says. "I felt my life is right here, on the farm".

Splitting their lives between farming and outside employment also frustrated Ame, whose family has farmed for seven generations. "We didn't want to work for anyone else," she says. "This was a particularly stressful way of life. Now our future depends on how successfully we make this operation work."

So in 1979, Dan and Ame started raising crossbred gilts for Kleen Leen, Inc., a Ralston Purina Company subsidiary. At first they produced a York x Duroc crossbred gilt. More recently they switched to a York x Landrace x Duroc cross (V-line) by rotating York-Landrace and York-Duroc boars.

Kleen Leen, a breeding stock firm, contracts with independent breeders such as Dan and Ame Buttorff to produce high-quality gilts and boars for sale as breeding stock. The independent breeding operations are carefully monitored for any health problems, and must adhere to strict disease prevention guidelines developed by Kleen Leen. These include slaughter inspections, vaccination programs and isolation of new boars.

The total confinement, shower-in breeding operation was a new experience for the Buttorffs. "For 10 years before that we raised hogs out-of-doors," Dan says.

Management Course

Raising pigs in confinement called for a complete change in production methods. The Buttorffs needed advice on constructing a clean, solidly-built confinement unit. They also took management courses to familiarize themselves with their new vocation. "Kleen Leen was on call during construction of the unit, even though it was unrelated to the breeding operation," Dan says. "They also suggested I take a seven-day course through Kleen Leen's Professional Management Seminar (PMS). There were two days of classes, and five days hands-on training in a swine confinement unit in Missouri," Dan says.

Dan and Amy Buttorff confer at barn office desk on recordkeeping for their farrow-to-finish hog confinement operation.

The breeding operation has contributed in large part to the financial stability of the Buttorff family farm, Dan says.

Changes in overall production methods, due to Kleen Leen suggestions, and a lot of hard work and dedication by the Buttorffs, have made the operation efficient. This year, the Buttorffs produced 4,000 pigs, 50 percent of which were finished for market, or sales as breeding stock, the remainder sold as feeder pigs at 50 lbs. "Having the diversity of three different markets has helped when prices are low," Ame says.

The operation's efficiency is evident in other areas as well. Using a hand-mating program, the Buttorffs achieved a 92-93 percent conception rate — well over the 83-85 percent average for this method. In 1982, they marketed 9.6 pigs per litter, also considerably higher than the national average of 7.2

Replacement gilts are selected from finishing to be brought into the existing herd. This has proven to be especially advantageous to the operation. "We select only high quality animals," Dan says.

Splits Chores

A successful farm has meant

(Turn to Page F 14)

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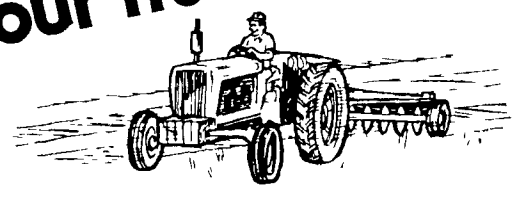

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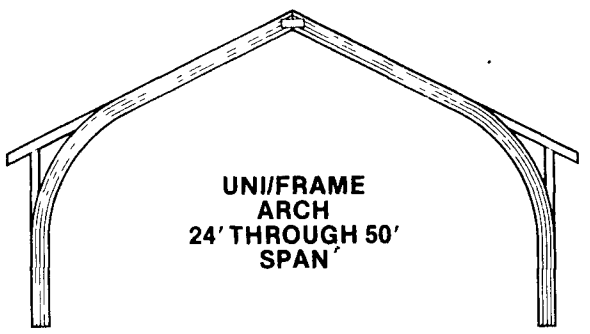
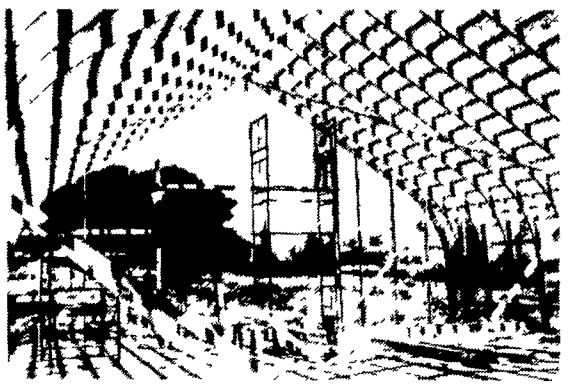
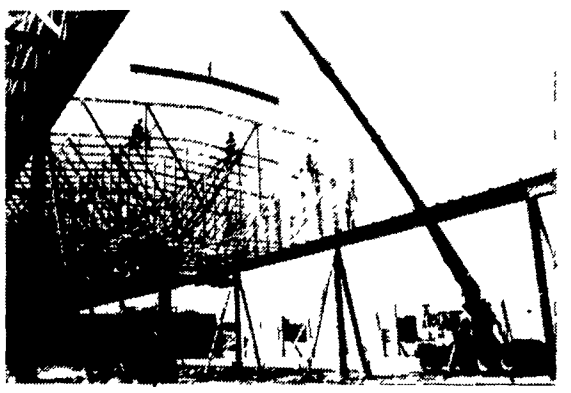


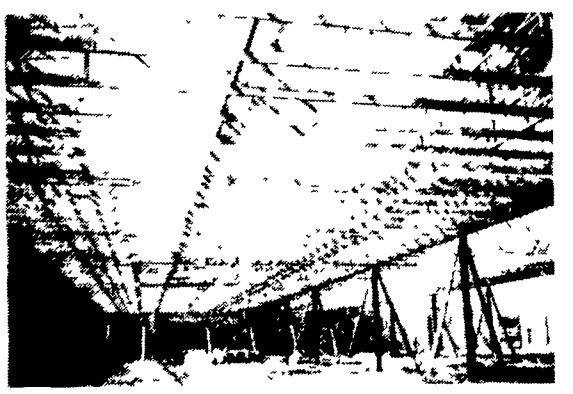
Straight Side Walls - 8' to 16'

58'x100' Chester County

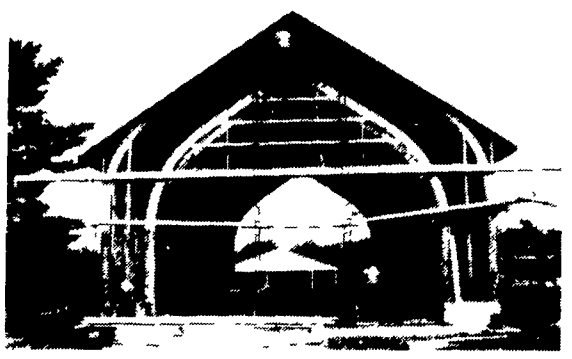


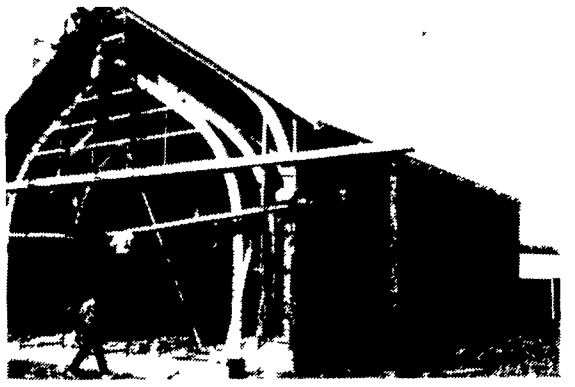
43'x68' Lancaster County

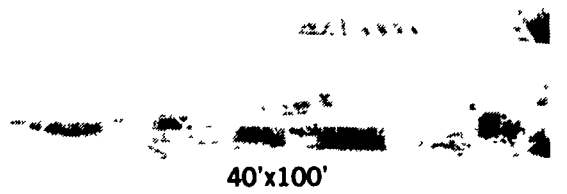




180'x250' Lancaster County







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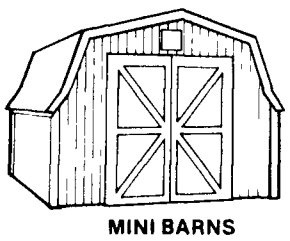

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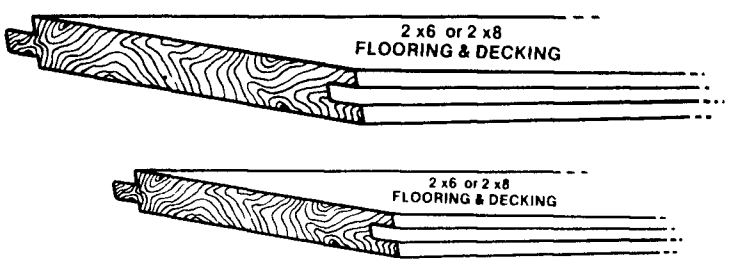

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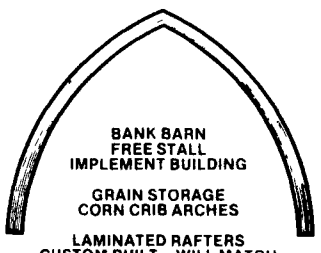

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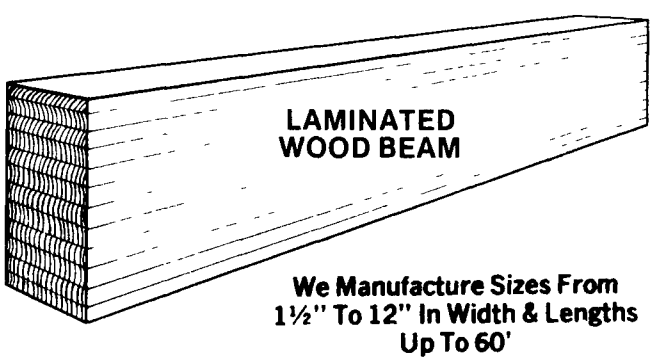

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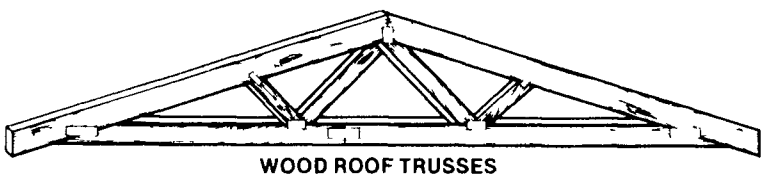

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1958 — 25 Years of Service — 1983

PIK acres may create weed problems

LANCASTER — A major weed problem for the 1984 growing season will be increased weed pressure in some fields that were entered in set-aside programs in 1983.

"A lot of these acres — over half of them in some areas — were never seeded to a cover crop," says Dave Martin, director of marketing for Stauffer Chemical Company. "This gave the weeds a chance to come on strong."

Many farmers planned to control the weeds later in the season, Martin adds. But one or two mowings, diskings or postemergence herbicide treatments weren't always enough to prevent weeds from going to seed.

"Timing was a big problem with this approach," he says. "Some weed species germinate, grow and go to seed early in the season, while others can germinate as late as July or even August and still produce seed. It's hard to control them all with just one or two treatments."

Even where cover crops were planted, there are potential problems for next year, Martin says.

"Oats were the most common cover crop used, and they won't come back next spring. But where oat stands were thin or spotty, the weeds came through. The pressure in these areas will be higher than it would be after a normal weed control program in row crops," he explains.

"Sorghum-sudan crosses as cover crops are another possible source of trouble," Martin adds. "If these headed out and went to seed before being cut down or turned under, they'll create a weed infestation much like shattercane next year. It'll be difficult to control."

Overall, Martin expects foxtails, velvetleaf and other common weeds to be the biggest problems on ground coming out of PIK. "Most farmers will be up against the same weeds they usually see, but they'll have a bigger fight on their hands," he says.

He suggests several steps for dealing with the increased pressure. The first is a PPI (preplant incorporated) herbicide program.

"Incorporated herbicides don't need rain, so they're more dependable," he says. "With this kind of weed pressure, don't take a chance on a treatment that has to be activated by the weather."

Stauffer's Sutan+ and Eradicane Extra are both PPI herbicides.

Foxtail and velvetleaf abound in this PIK field and will require special control.

Don't skimp on herbicide rates either, Martin advises. "You may even want to use a slightly higher rate than normal, within label guidelines," he says.

Three-way tank mixes are another way to boost general weed control. In corn, this means a grass herbicide plus atrazine and Bladex**. Stauffer's Sutan+ and Eradicane Extra herbicides are both registered for these three-way mixes, Martin points out.

Where tough weeds like shattercane, johnsongrass, quackgrass, woolly cupgrass or wild proso millet have proliferated, an ordinary herbicide program won't do. Left uncontrolled, these weeds can go from light infestations to major problems in just one year. "Eradicane Extra is the only corn herbicide on the market that can handle bad infestations of these tough weeds," Martin says.

Eradicane Extra will also help out on broadleaf weed populations, he says. It's labeled for control of velvetleaf, nightshade, morningglory, pigweed and others, so adding it to a triazine will improve broadleaf control.

Finally, cultivation or follow-up treatments may be needed after the corn is up. "If weed pressure is heavy enough you can get 95 percent control and still have a problem," Martin says. "These weedy set-aside acres will be a tough test for herbicides this spring."

Weed list expanded

WASHINGTON, D.C. — Under a new U.S. Department of Agriculture proposal, 55 species of weeds would be added to the list of "import restricted" foreign noxious weeds.

The move would bring the total number of foreign weeds restricted under the 1974 Federal Noxious Weed Act from 357 to 412, said B.W. Hawkins, administrator of USDA's Animal and Plant Health Inspection Service. Restricted weed species can be imported into the United States only under special USDA permits.

"One weed we're proposing to restrict is the aquatic weed Lagarosiphon, which is similar to the hydrilla weed that is clogging waterways in California and Florida," Hawkins said. "Another 40 parasitic weeds, including all species of aegineta and alecra, could significantly reduce yields of several U.S. crops. We are also proposing to restrict 14 terrestrial weeds."

The list, last expanded in May, is compiled by a group of botanists, agriculturalists and weed scientists. Although some of the weeds are found in limited areas in the United States, all are of foreign origin and could enter the country on imported products, Hawkins said.

New Park couple

(Continued from Page F12)

more work for the Buttorffs. Dan now puts in nine to 10 hours a day, and Ame logs about 40 hours a week working in the unit. They have split the chores so that the workload is manageable. Dan is in charge of the breeding, gestation and finishing phases, and Ame takes care of the farrowing and nursery quarters. She also keeps the books. They have two daughters, 14 and 10 years old. "The children have been helpful and understanding when Dan and I are working late," Ame says.

More work does not equal more frustration, however. "I like being in charge of my own life and my own destiny," Ame says. "It's a family farm and it's fun working together." Dan agrees.

Both Ame and Dan feel that without their gilt producing herd, they still would be juggling a full-time job and part-time farming responsibilities, and struggling to pay the bills. "Becoming a Kleen Leen breeder made a big difference in our operation," Dan says. "We are now able to farm full-time and we're making it work." By incorporating breeding stock production into their operation, the Buttorffs comletely changed their farming methods, and as a result, their lifestyle.

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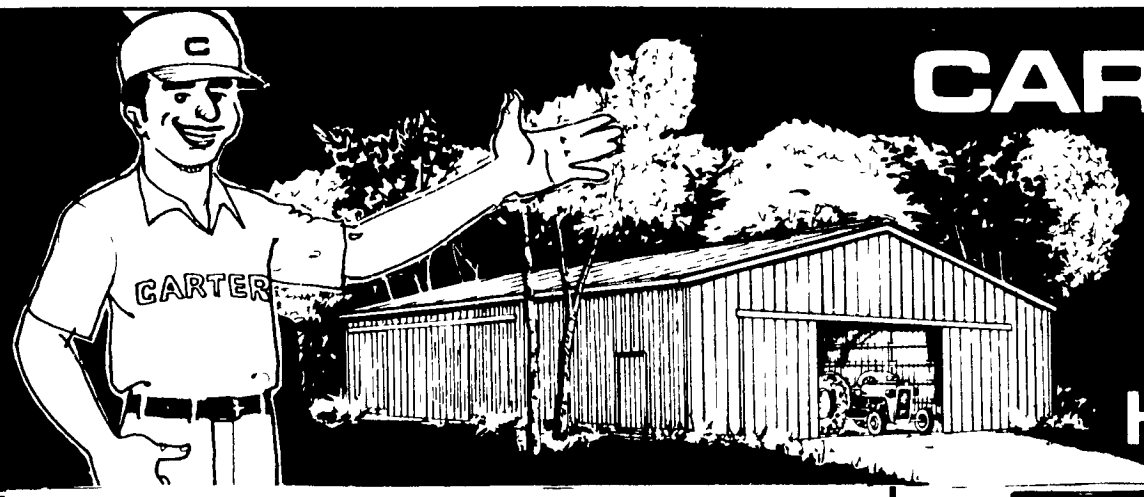

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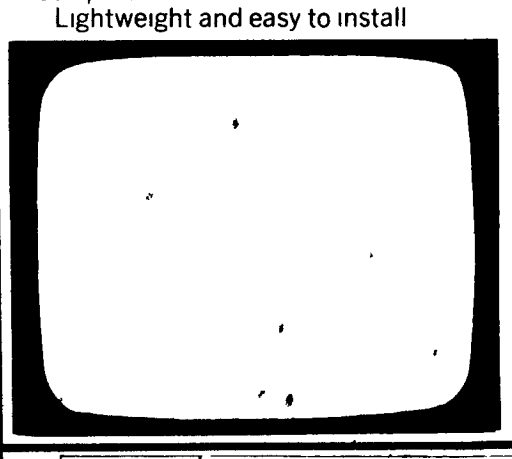

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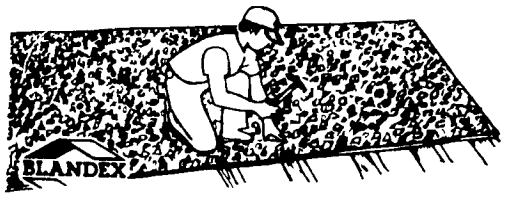

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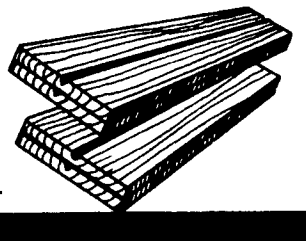

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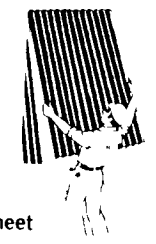

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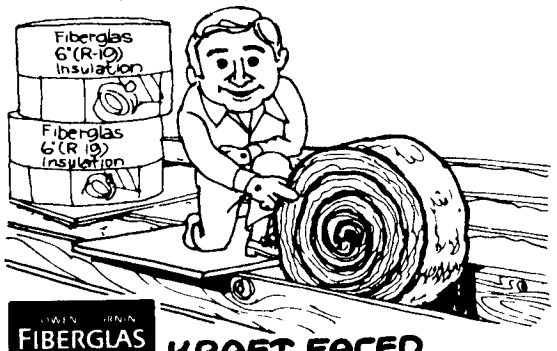

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Tests show better corn stands

WAYNE, N.J. — Fields planted to corn, coming out of soybeans or PIK, are likely to produce better stands and bigger yields if treated with Counter systemic insecticide-nematicide, a recent study by American Cyanamid Company shows.

In 35 midwestern fields across seven midwestern states, Cyanamid personnel found an average of 2,434 more plants per acre and an average of 10 more bu. per acre harvested where the field was treated with Counter.

Cyanamid's Technical Service Group studied fields in Illinois, Indiana, Iowa, Kansas, Minnesota, Nebraska and Wisconsin throughout the 1983 growing season.

The majority of the fields had a cropping history of sod, alfalfa or soybean production during '82. Several of the fields had significant white grub and/or wireworm infestations.

Looking at results of the study from a breakeven-cost standpoint, use of Counter insecticide proved economically beneficial in 77 per cent of fields treated. A gain of 3 bu. per acre above the yield of untreated check areas was considered the economic threshold level.

Viewed from another perspective, the performance of Counter was most impressive in corn following soybeans. There were also significant increases in stand count and yield where it was applied in fields that had been in sod or alfalfa. Details are shown in the accompanying tables and graphs.

"The results of our study show that use of Counter will substantially increase a grower's potential for higher stand counts and yields," said Cyanamid Technical Insecticide Specialist Frank Tenne.

Tenne noted that fields coming out of sod, alfalfa or soybean production can harbor insects that will attack corn — such as corn rootworms, wireworms, white grubs, seedcorn beetles and seedcorn maggots.

"This condition is further magnified if fields producing these types of crops are weedy, thus allowing for the presence of additional vegetation on which insect pests can flourish and overwinter," Tenne noted. "Treatment with a broad spectrum insecticide, such as Counter, is a wise consideration for the farmer growing first year corn in 1984."

INSECTICIDE EFFECT ON STAND

'82 CROP (#fields)	PLANTS/ACRE Treated	Check	COUNTER ADVANTAGE
Soybeans (10)	25,082	21,553	+3,529
Sod (5)	21,114	19,326	+1,788
Alfalfa (7)	21,957	20,686	+1,271

INSECTICIDE EFFECT ON YIELDS

'82 CROP (#fields)	YIELD (BU/A) Treated	Check	COUNTER ADVANTAGE
Soybeans (16)	111.9	99.3	+12.6
Sod (7)	118.7	109.6	+ 9.1
Alfalfa (8)	106.4	100	+ 6.4

Import fees for sugar unchanged

WASHINGTON, D.C. — The import fee for raw sugar will remain at zero cents per pound during the first quarter of 1984, Secretary of Agriculture John R. Block said today. The fee has been at that level since late 1982.

The fee for refined sugar, which under the proclamation is set at one cent above the raw sugar fee, also is unchanged.

The U.S. Department of Agriculture is required to make a quarterly determination of sugar import fees under a presidential proclamation issued in May 1982. The key factor in the fee determination is the domestic sugar spot price, as reported by the Coffee, Sugar and Cocoa Exchange in New York, during a base period of 20 market days.

The base period for the coming quarter was Nov. 21-Dec. 19, inclusive, and the average price was 21.568 cents per pound. Since this was higher than the market stabilization price of 21.17 established under the sugar support program, the import fee is zero. If the average price was below the stabilization price, the fee would be the difference.

Block said U.S. sugar prices have been relatively stable as a result of the border control measures instituted in May 1982.

Block also said world sugar prices are still at uneconomically low levels, reflecting the subsidized exports of the European Community and the continuing world oversupply of sugar. He said he expects no basic change in this situation in the near future.

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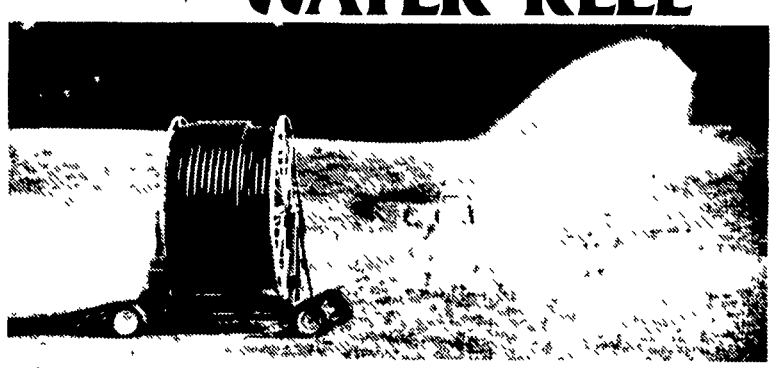

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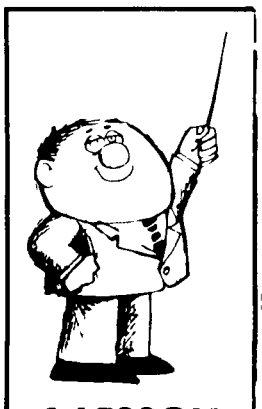

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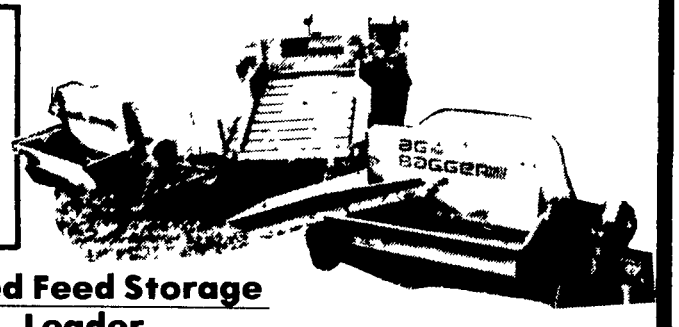

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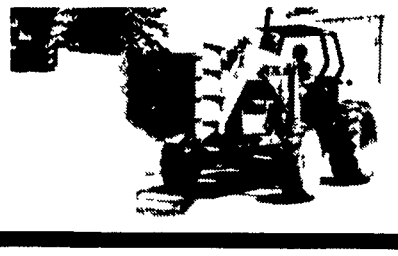

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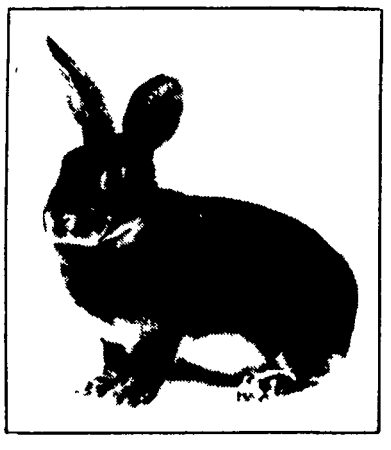

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Schedule of events and meetings at 1984 Farm Show

SATURDAY, JANUARY 7

8:00 a.m. Swine Judging: Chester White, Poland China, Duroc, Hampshire, Berkshire, Yorkshire, Spotted Swine and Landrace, Small Arena
11:00 a.m. Judging: Tobacco, Main Exhibit Hall, Maclay St. Side
Noon Judging: Corn, Maple Syrup, Fruits, Edible Nuts, Maclay St. Side
Noon Judging: Home Economics, Lower Concourse
1:00 p.m. Judging: Hay, Main Exhibit Hall, Maclay St. Side
2:00 p.m. Judging: Apiary Products, Potatoes, Maclay St. Side
3:00 p.m. Judging: Small Grains, Maclay St. Side
4:00 p.m. Judging: Vocational Horticulture Exhibits, Lower Concourse
6:00 p.m. Judging: Carcass Lambs, Small Arena

Meetings

3:00 p.m. Pa. Cooperative Swine Breeders Association, Room C

SUNDAY, JANUARY 8

9:00 a.m. Judging: 4-H Entomology, Main Exhibit Hall, Maclay Street Side
9:30 a.m. Judging: Vegetables, Maclay Street Side
11:00 a.m. Sheep Judging: Dorset, Hampshire, Suffolk, Shropshire, Cheviot & Southdown, Small Arena
Noon Judging: Dressed Turkeys, Main Exhibit Hall, Maclay Street Side
11:15 a.m. Non-Denominational Worship Service, Large Arena
Noon GRAND OPENING CEREMONIES: A salute to Pennsylvania Agriculture and its farm commodity associations, Large Arena
1:00 p.m. Judging: Christmas Trees, Eggs, Main Exhibit Hall, Maclay Street Side
6:30 p.m. Farm Show Youth Benefit Night: The Ink Spots, Miss Pennsylvania Jennifer Lynn Eshelman, Al Raymond's Big Band, Large Arena

Meetings

11:00 a.m. Colonial Charolais Association, Room C
After Suffolk Judging, Pa. Suffolk Sheep Association, Small Arena
1:30 p.m. Pa. Dorset Breeders Association, Room A
1:30 p.m. Junior Angus Association, Room D
7:00 p.m. Pa. Sheep & Wool Growers Association, Room B

MONDAY, JANUARY 9

9:00 a.m. Judging: Wool, Sheep Barn
9:30 a.m. Draft Horse Judging: Belgian & Clydesdale, Large Arena
10:00 a.m. Swine Sale: Duroc, Small Arena
11:00 a.m. Draft Horse Judging: Percheron, Large Arena
11:30 a.m. Swine Sale: Hampshire, Small Arena
1:00 p.m. Swine Sale: Landrace, Small Arena
1:00-3:30 Vo-Ag School Demonstrations, Pennsylvania Room at Large Arena
2:30 p.m. Swine Sale: Yorkshire, Small Arena
5:00 p.m. Sheep Judging: Corriedale, Rambouillet & Merino, Small Arena
6:30 p.m. Secretary of Agriculture's Night: Welcome & Awards to Pa. Farm Show Family, Agribusiness Award and Senior Farmer, Large Arena
7:15 p.m. Cumberland County 4-H Horse and Pony Riding Demonstration, Hitched Horse Competition (1-5 horses), Large Arena

Meetings

9:00 a.m. Pa. Christmas Tree Growers Association, Hershey Convention Center
10:00 a.m. Pa. Society of Farm Women's 65th Convention, Forum Building
10:30 a.m. House Agriculture Committee Meeting, Room D
Noon Pa. Agriculture Democratic Luncheon Meeting, Room C
12:30 Master Corn Growers Association, Room E
1:30 p.m. Hampshire Swine Breeders Association, Room D
2:00 p.m. Pa. Cattlemen's Association, Room A
4:00 p.m. Pa. Cooperative Swine Breeders Association, Room C
6:00 p.m. Banquet, Society of Farm Women, Penn Harris, Camp Hill
7:00 p.m. Banquet, Christmas Tree Growers Association, Hershey Convention Center

TUESDAY, JANUARY 10

8:00 a.m. Dairy Cattle Judging: Guernsey, Brown Swiss and Milking Shorthorn, Large Arena
9:30 a.m. Dairy Cattle Judging: Holstein, Large Arena
10:00 a.m. Swine Sale: Spotted Swine, Small Arena
10:00 a.m. to 3:30 a.m. Vo-Ag School Demonstrations, Pennsylvania Room at Large Arena
11:00 a.m. Dairy Cattle Judging: Ayrshire and Jersey, Large Arena
11:30 a.m. Swine Sale: Poland China, Small Arena
1:00 p.m. Swine Sale: Chester White, Small Arena
2:30 p.m. Swine Sale: Berkshire, Small Arena
6:00 p.m. Master Farmers Night, Future Farmers of America Band Concert, Folk Dance Festival & Concert, largest in the country with 480 contestants, Large Arena
7:00 p.m. Junior Sheep Blocking & Grooming, Small Arena

Meetings

8:00 a.m. Pa. Society of Farm Women, Rooms D & E
9:00 a.m. Pa. Christmas Tree Growers Association, Hershey Convention Center
11:00 a.m. Master Farmers Association, Penn Harris Center, Camp Hill
1:00 p.m. Pa. Brown Swiss Breeders Association, Room B
1:30 p.m. Pa. Jersey Cattle Club, Room D
3:00 p.m. Pa. Ayrshire Breeders Association, Room C
3:00 p.m. Yorkshire Cooperative Association, Room E
3:00 p.m. Inland Fertilizer Association, Best Western, Carlisle
6:00 p.m. Pennsylvania Dairymens Association, Penn Harris, Camp Hill
7:00 p.m. Pa. Angus Association, Hanover Restaurant
7:00 p.m. Pa. Draft Horse & Mule Association, Room C

WEDNESDAY, JANUARY 11

9:00 a.m. Junior Sheep Breeding, Small Arena
8:30 a.m. to 10:30 a.m. Vo-Ag School Demonstrations, Pennsylvania Room, Large Arena
9:00 a.m. Beef Cattle Judging: Polled Hereford & Angus, Large Arena
10:00 a.m. Junior Market Lambs, Small Arena
Noon Beef Cattle Judging: Charolais, Large Arena
1:00 p.m. Beef Cattle Judging: Shorthorn, Hereford, Large Arena
1:00 p.m. Junior Lamb Showmanship, Small Arena
1:30 p.m. Beef Cattle Judging: Chianina, Large Arena
2:00 p.m. Beef Cattle Judging: Simmental, Large Arena
4:30 p.m. through evening Championship Horse Pulling Contest: Lightweight Division; Six-Horse Hitch Demonstration; Heavyweight Division, Large Arena
6:00 p.m. Sheep to Shawl Contest, Small Arena
8:45 p.m. Auction of Shawls from Contest, Small Arena

Meetings

1:00 p.m. 54th Annual Mid-Winter Convention of Future Farmers of America, Forum Bldg, Hbg.
2:00 p.m. Pa. Pork Producers Council, Room E
3:00 p.m. Pa. Charolais Association, Room A

THURSDAY, JANUARY 12

8:30 a.m. Junior Beef Breeding: Angus, Charolais, Chianina, Hereford, Shorthorn, Simmental, Large Arena
8:30 a.m. Junior Market Swine, Small Arena
9:00 a.m. 4-H Potato Grading & Identification, Room E
11:00 a.m. Junior Steer Classes, Large Arena
1:00 p.m. Junior Swine Showmanship, Small Arena
2:30 p.m. Grand Champion Steer, Large Arena
2:45 p.m. County Beef Trios, Large Arena
3:30 p.m. Junior Beef Showmanship Contest, Large Arena
6:00 p.m. through evening Pony Pulling Contest: Lightweight, Mediumweight and Heavyweight Divisions, Large Arena
6:00 p.m. Bid Calling Contest, Pa. Auctioneers Association, Small Arena

Meetings

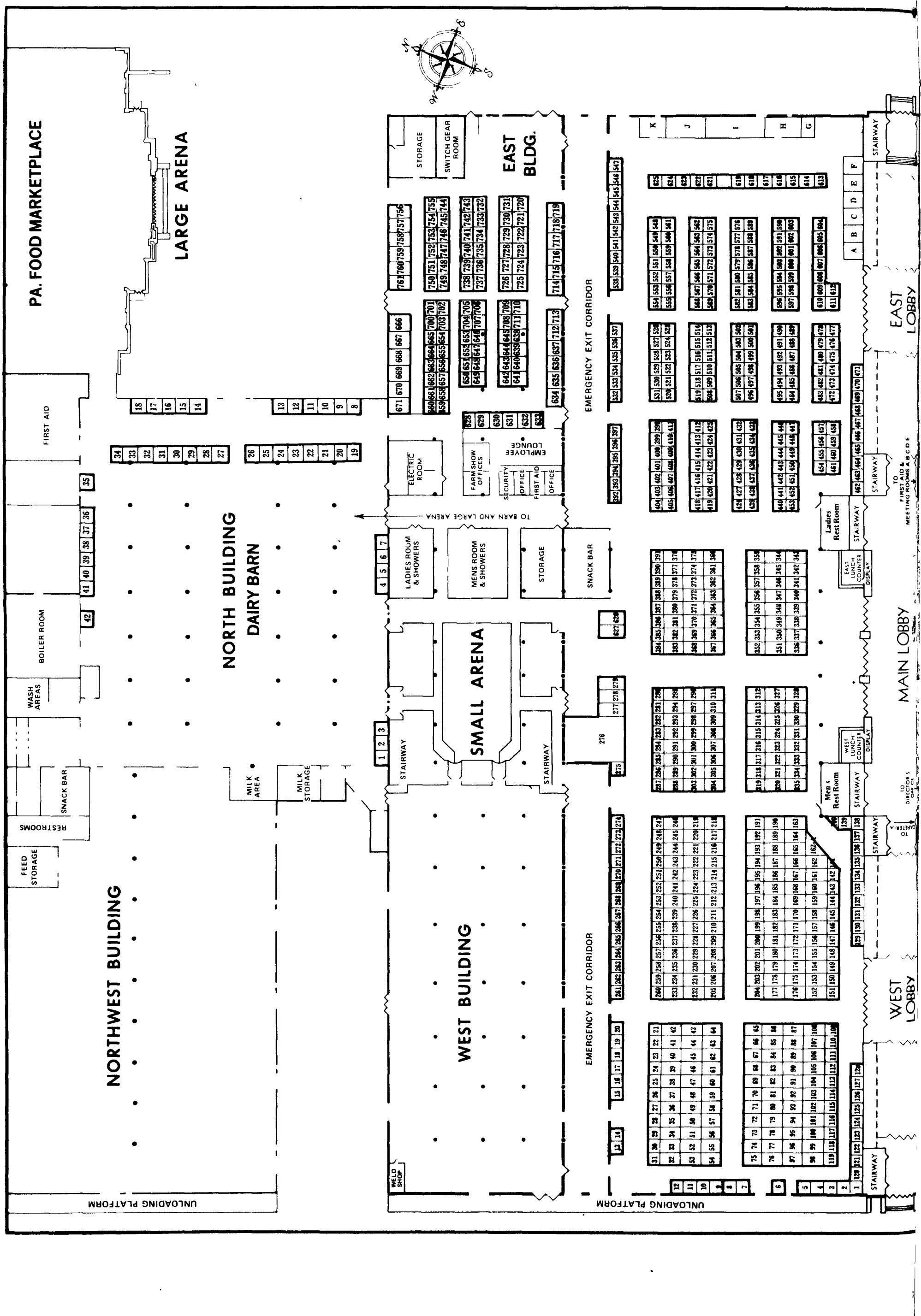
9:00 a.m. Pa. Nut Growers Association, Room B

FRIDAY, JANUARY 13

9:00 a.m. Judging: Dairy Goats, Large Arena
10:00 a.m. Junior Market Swine Sale, Small Arena
12:30 p.m. Junior Market Lamb Sale, Small Arena
1:30 p.m. Junior Steer Sale, Small Arena

Meetings

10:00 a.m. PAE 4-HA Seminars Committee, Room A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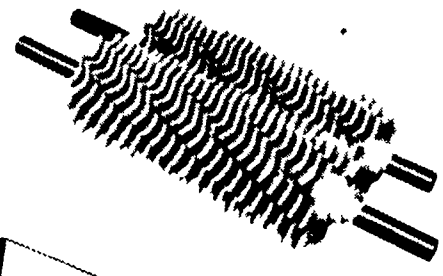
TO CAFETERIA
UNLOADING PLATFORM
UNLOADING PLATFORM

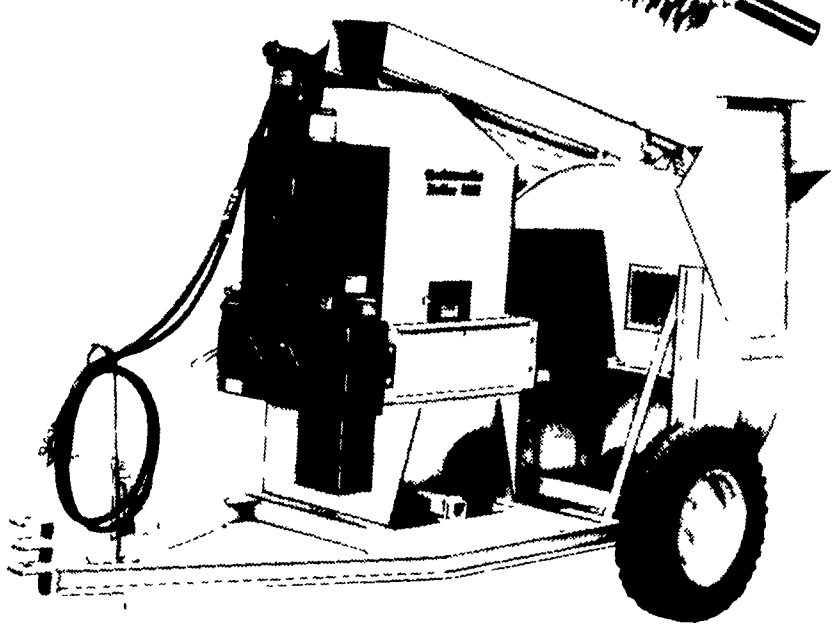
Automatic

Automatic Offers A Complete Line Of Mills, All With Exclusive Features

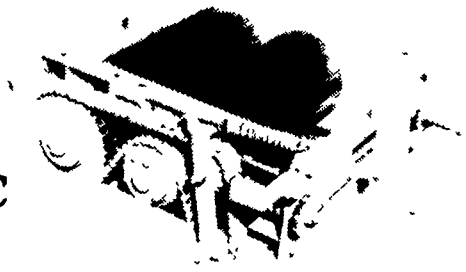
- BIG CAPACITY
- LOW HORSEPOWER
- MAGNETIC GRATE
- SELF-CLEANING
- NO SCREENS
- NO DELAYS

AUTOMATIC EARCORN MILLS





AUTOMATIC MILLS



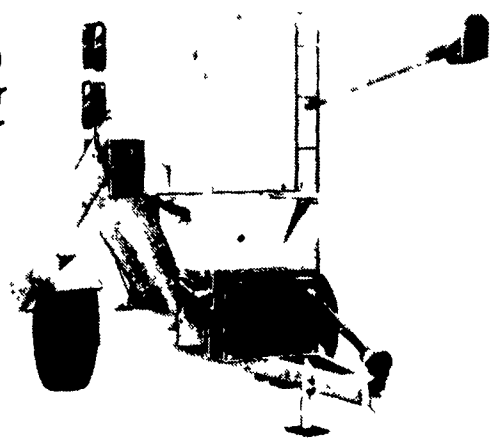
No Other Ear Corn Mill Stands Up To Automatic

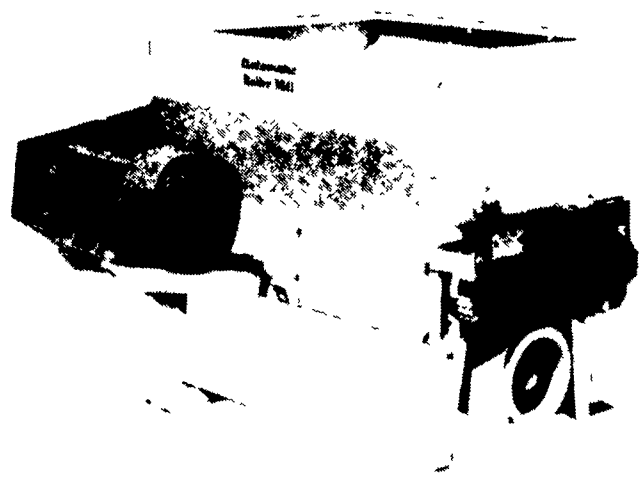
- Exclusive Husks Shredder
- Lifetime Guarantee On Rolls
- No Plugging
- Rock Solid Construction

Better Feed At Low Cost

- No Dusty Hammers
- Nutritious Roughage
- More Milk Per Cow
- Modular Construction

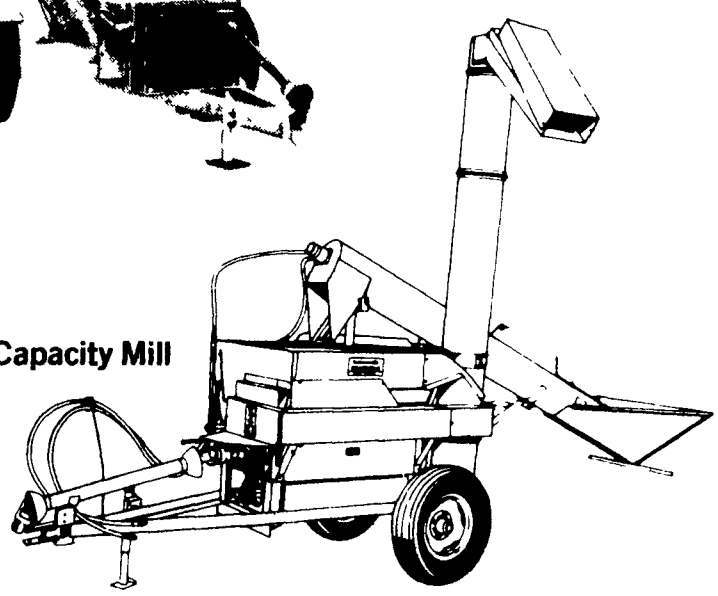
9450 Roller Mixer



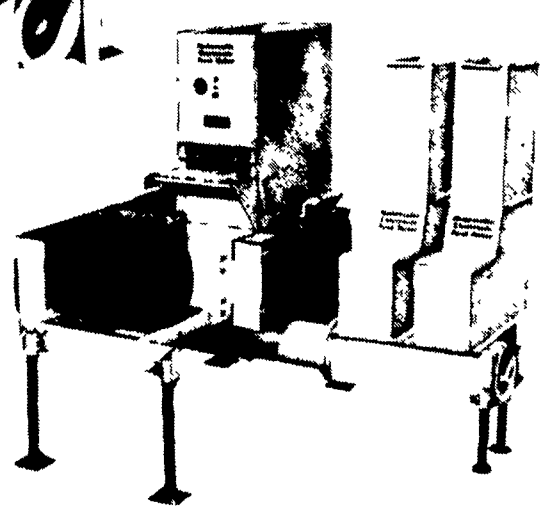


400 & 600 Roller Mill

Big Capacity Mill



Feed Processing Center



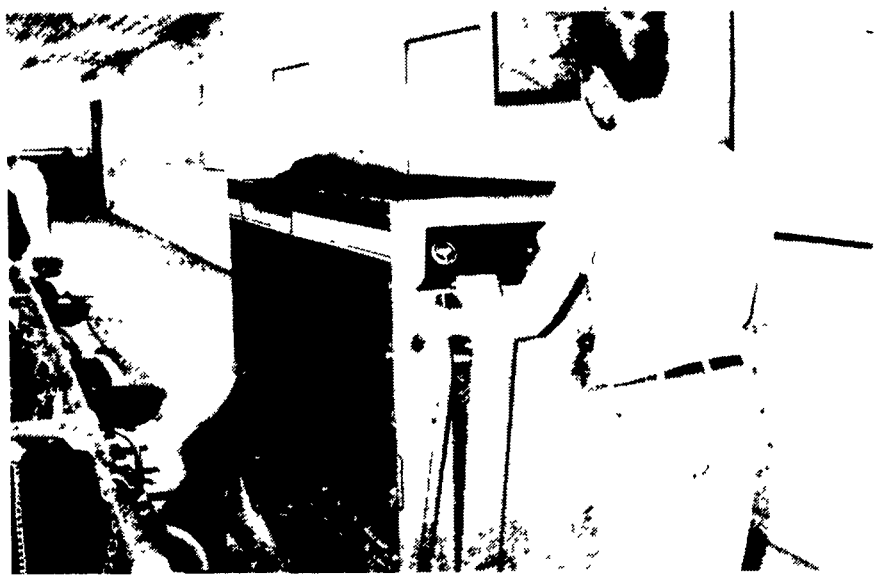
AUTOMATIC—Profit-Minded People Are Making The Switch TO AUTOMATIC ROLLER MILLS

SEE US AT THE PA. FARM SHOW SPACE #338 to 341

RYDER SUPPLY CO.

P.O. Box 219
Chambersburg, PA 17201-0219
Phone 717-263-9111

Introducing the SERIES IV FEED TRANSPORT CART!



Now with convenient hydrostatic drive and extended battery life!

Load it full. Press the new hydrostatic control lever. And you're on your way to feed silage, haylage or any other feed to your dairy herd — quickly, cleanly and conveniently.

With new hydrostatic drive, this new Series IV cart gives you fully variable speed control. Fingertip operation provides any travelling speed you select.

The Weaverline Series IV cart puts you in complete command of your feeding operation. As your Series IV cart moves into position in front of each stall, set the auger and apron-system indicator to discharge the rate of feed you desire. Then shut it off and move on to the next cow. Or if you want, lay a continuous flow of feed. Fast-flow front-end discharge with flexible deflector makes it easy to put your feed right where you want it.

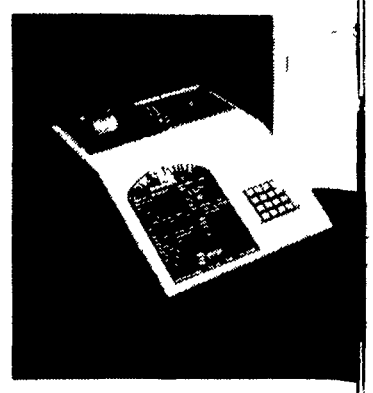
No matter which of the three models you choose, you can depend on Weaverline advanced engineering design. Upkeep, time and labor saved will more than pay for the cost of a Weaverline Series IV transport cart.

WEAVERLINE

- Feeding Savings
- More Dollars over feed cost
- Improve Herd Health

"THE EX... 8... SER...
Computer Controlle...

Efficient feeding = Higher PROFITS



Group feeding is costly and inefficient. To maximize your profits, you've got to supply each cow with the exact amount of feed she needs to maintain her milk production level. The computerized Selective Feeder Executive 8085 System lets you do just that. It's so effective, most dairymen find the system pays for itself in reduced feed bills and increased production in less than a year!

It's simple

You determine a daily feeding allowance for each cow by programming the computer to dispense a certain amount of feed during each 6, 8 or 12 hour cycle. You choose a unique ration for each animal by mixing supplement and base rations with the computer.

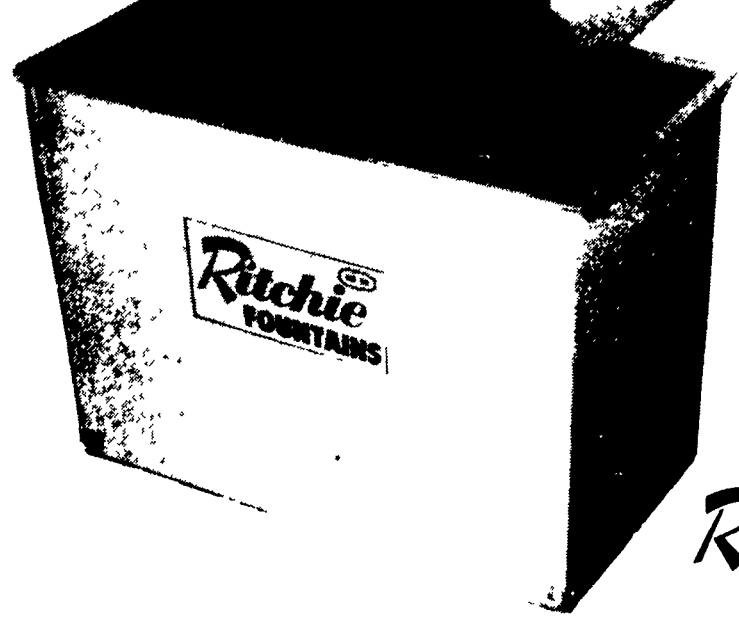
- Each cow wears an inexpensive, reliable identification tag.
- Cows can feed at any feeding station.
- Feeding auger automatically stops when cow steps away.
- Each cow receives only the amount of feed you have programmed for it.

Ritchie® Fountains deliver. Even in the... out there working. You're not.

Weatherproof You bet they are. Heat... insulation keep water ice-free. Just s... thermostat for minimal energy use. Big-t... valves keep water gushing in Each of your... they need to promote peak production

Ritchie Fountains are tough, too Quali... galvanized steel and CD-50® expoxy finis... and barnlot abuse

Why take chances on anything less than... Fountain? Call your Ritchie dealer for wate...



WATER...
WON'T...

RELAX
Ritchie®
WATERS 'EM RIGHT™

SEE ON DISPLAY AT PA. FARM SHOW JANUARY 8-13

RYDER SUPPLY CO.

ECUTIVE" 8085 IES II

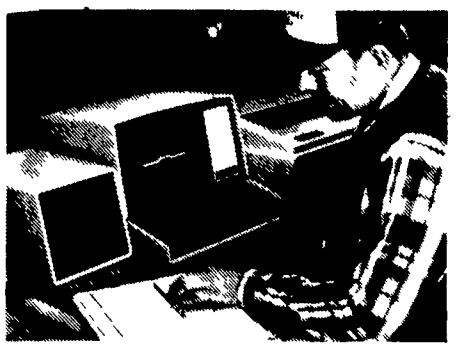
Dairy Feeding System

- Program Each Cow
- Program A Ration
- Program B Ration
- Feed Compared To Production
- Easy To Operate
- Simple Installation

Money-saving management tool

You can get a printout from the Executive 8085 at any time. Each printout gives you the valuable feed management information:

- Amount of feed programmed for each cow
- Amount of feed dispensed to each cow, this cycle
- Amount of feed dispensed to each cow, this month
- Summary of previous cycle.



You can quickly spot problem cows by asking the computer to print out all cows not eating 75% of their programmed ration.

Total herd management system

For a total dairy management system, connect your Selective Feeder System with our Zenith Farm Management System. Readouts are available in your office on the Zenith computer. Optional software programs allow you to integrate health, breeding, production and feeding management programs in one computer system.

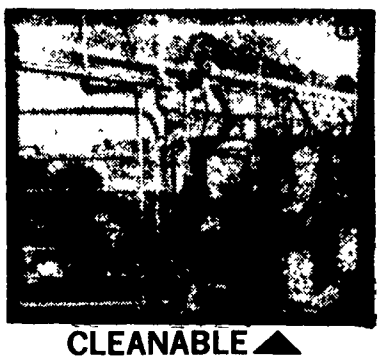
For more information write for free product literature.

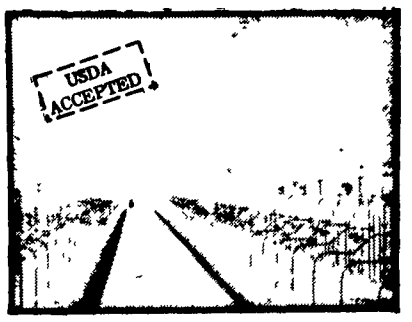
SfC Selective Feeder Co

GLASBORD®

ELIMINATES THE EPOXY AND OTHER YEARLY COSTLY MAINTENANCE TO WALLS AND CEILINGS

FOR FARM BUILDINGS





CLEANABLE ▲ DURABLE ▲

FIBERGLASS REINFORCED PLASTIC PANELS & ROLLS

- **GLASBORD® IS TOUGH**
  - **-ACID SCRATCH AND ABRASION RESISTANT**
- **GLASBORD® INSTALLS EASILY**
  - **- MILKING PARLORS, HOLDING ROOMS, OFFICES, SLAUGHTER HOUSES**

- **GLASBORD® RESISTS DIRT**
- **- WILL NOT STAIN, CORRODE**
- **- RESISTS ANIMAL WASTES**
- **- CLEANS WITH ORDINARY METHODS**

IN STOCK - AVAILABLE NOW

3/32 & 1/8" THICKNESS, 4 x 8 FT. PANELS
3/32 & 1/8" - 4 x 40 AND 4 x 45 FT. ROLLS

ALL CORNER MOLDING AND FASTENERS

VINYL MOLDINGS ARE AVAILABLE TO GIVE A FINISHED APPEARANCE & A WATERTIGHT INSTALLATION.

• SELECTIVE FEEDING
- ☐ Computer controlled dairy feeding
- ☐ Zenith Farm Management System

• MANURE HANDLING.
- ☐ OIL MATIC Hydraulic Transfer Pumps
- ☐ H D Chain Barn Cleaners
- ☐ Hook and Link Chain
- ☐ AGROMATIC Cable Barn Cleaners
- ☐ Vacuum & Slinger Manure Spreaders
- ☐ Agitator/Filler Pumps
- ☐ Pit Prop Manure Agitator

• POWER FEEDING
- ☐ WEAVERLINE Powered Silage Carts
- ☐ New WEAVERLINE Stainless Steel Cart
- ROTO FEEDERS (Lazy Susan)
- Stainless Steel Shaker Feeders

• SELF FEEDING
- IDEAL Round Cattle Feeders
- IDEAL Hog Feeders
- Fiberglass Push Silage Cart
- Mineral & Salt Feeders
- CIRCLE Bulk Storage Bins (3 50 Tons)

• AUTOMATIC
- ☐ Earcorn Blower Mill
- ☐ Low Profile Mill
- Feed Processor
- ☐ Roller Mixer
- ☐ Supplement Meter
- ☐ Dump Scales
- ☐ Micro-Mist Sprayer

• MY-D-HAND-D
- ☐ Head Gates
- ☐ Squeeze Chutes
- ☐ Portable Corrals
- ☐ Bale Elevators
- ☐ 3 Pt Bases with Forks
- ☐ Slant Bar Hay Feeders

• LIVESTOCK WATERERS
- ☐ RITCHIE Cattle Waterers
- ☐ RITCHIE Hog Waterers
- ☐ IDEAL Stock Tanks
- ☐ RITCHIE Hog Fount (Stainless Steel Construction)
- ☐ "Morning Dew" Cow Cooler

• SPECIALITIES
- KEMLITE Glasbord
- IDEAL Farrowing Crates
- IDEAL Tubular Gates
- Livestock Scales
- Ornamental Windmills
- COR TEC Buildings
- Bedding Choppers

• BARN EQUIPMENT
- Water Bowls
- Cow Mats
- Free Stalls
- Comfort Stalls
- ☐ Ventilating Systems (Exhaust & Tube)
- ☐ Kozy Komfort Calf Stalls

• SILAGE & GRAIN HANDLING
- ☐ FEED EASY Double Auger Silo Unloaders
- ☐ Silage Conveyors
- ☐ (TMR) Mixer Feeder Wagons
- ☐ 4" 6" Utility Augers
- ☐ CIRCLE Storage Bins
- ☐ CIRCLE Crop Dryers
- ☐ SHIRRERS Inbin Continuous Flow Drying Systems
- ☐ MAYRATH 6" & 8" Transport Augers
- ☐ MAYRATH Double Chain Conveyors

RYDER SUPPLY CO. 1/7/84 LF
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Ph: 717-263-9111

☐ Please have a Ryder rep phone me
☐ Send literature checked above

Name _____
Address _____
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Phone _____

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CHAMBERSBURG, PENNSYLVANIA 17201-0219
PHONE 717-263-9111

SEE US AT THE
PA FARM SHOW
SPACE # 338 to 341 MAIN FLOOR

...dead of winter they are

...systems and efficient ... the Watt Watcher™ ...oated, non-stick plastic ...cows get all of the water

...built with rugged heavy ...to stand up to weather

...red and yellow Ritchie ...that won't quit

R THAT

T QUIT

★ SOFTWARE ★

A Farm-Tested, easy to use management software designed to save time and manage for profit.

- DAIRY HERD MGT.
- CROP MGT.
- FARM ACCOUNTING, FINANCIAL RECORD KEEPING
- SWINE MGT.
- RATION BALANCING
- DECISION MAKING WORKSHEETS
- EQUIPMENT INVENTORY

Agribusiness Software available for most microcomputers on the market today.

Fill your needs with BONITA high capacity heavy duty single chain feed conveyors

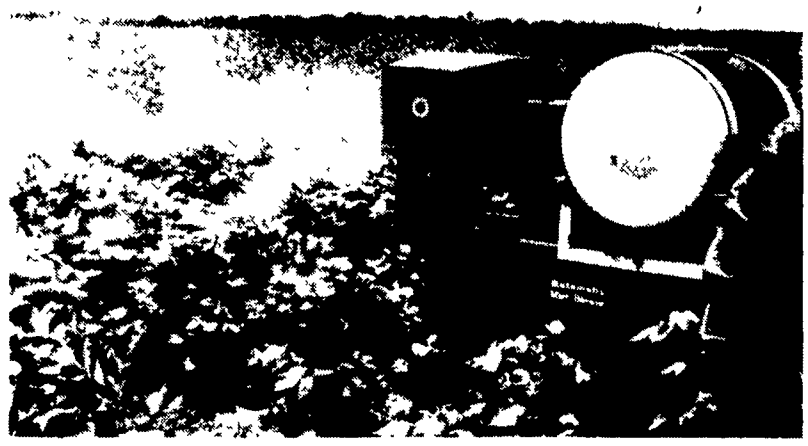
BONITA feed conveyors are built for endurance and convenience

SUPER-TOUGH CONSTRUCTION MEANS TOP PERFORMANCE YEAR AFTER YEAR! Bonita single chain feed conveyors offer capacity and endurance to spare. Their extra wide 10¼" troughs combine with rugged 16 gauge steel frame, even heavier gauge head and base sections and special reinforcements at points of greatest stress to withstand heaviest service.

And check these additional strong points

- heavy-duty roller chain final drive stage
- self-cleaning base section...avoids stopage due to pockets of frozen material
- sealed ball bearings on large 1-1/8" dia. head and foot shafts
- special sprockets with relief at tooth roots to help prevent buildup of materials
- totally enclosed chain return for maximum safety; also eliminates feed carryover
- easy parts replacement with all bolted construction
- low operating, maintenance costs
- conveying lengths up to 44 feet

Automatic Micro-Mist Sprayer Controls Droplet Size



The Automatic Micro-Mist Concentrate Sprayer can be powered by the tractor pto for use on rowcrops, vegetables and orchards.

The Automatic Micro-Mist Concentrate Sprayer is a faster, more efficient, economical alternative to conventional boom and aerial spraying of rowcrops, vegetables and orchards.

It takes mist blowing techniques a step further by giving the operator the ability to control the diameter of the spray droplets and choose the diameter best for each particular spraying application.

Controlling droplet diameter results in increased effectiveness and reduced materials cost.

The smaller droplets of the Micro-Mister coat all sides of the target evenly, due to the powerful turbulence produced by the unit. The Micro-Mister effectively coats the undersides of leaves, reaches inside trees, even coats the back sides of fruit.

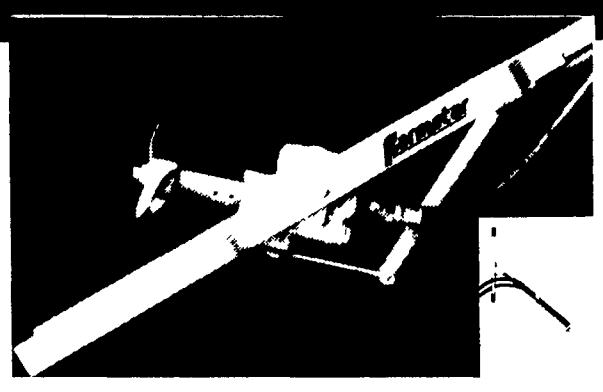
The compact size and the utilization of chemical concentrates by the Micro-Mister offers many advantages. The unit comes in models that can be powered by PTO on small tractors, or a gasoline powered skid unit that slides into the bed of any pickup. Because the Micro-Mister eliminates the need for cumbersome water hauling equipment that requires additional manpower and time-consuming stops for refilling, the Automatic Micro-Mister saves both time and money.

The Automatic Micro-Mister can offer effective coverage up to 250 feet, depending on application, and can operate at speeds up to 12 m.p.h., with no dangerous overspray or drift.

PIT PROP

ANOTHER MANURE PIT PROBLEM SOLVER FROM

Farmstar



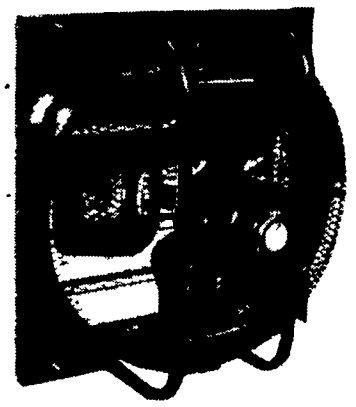
POWERFUL AGITATION created by Pit Prop helps you to clean your manure pits more efficiently. Look at these other outstanding Pit Prop features.

- Stainless Steel Industrial Grade Prop
- 8" PVC Port Accessibility
- Lightweight Portability
- Unique Design and Extras

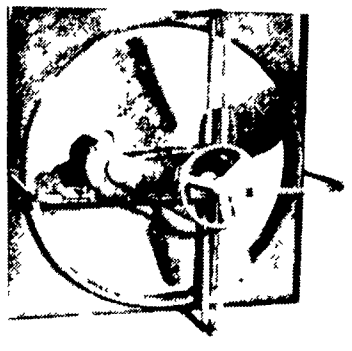
LEISS MANUFACTURING

VENTILATION EQUIPMENT For The Farm

Wall and Ceiling Mount



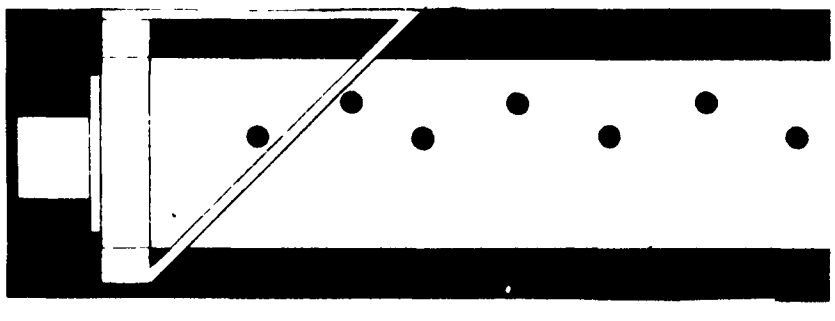
12 to 24 inch Direct Drive



24 to 36 inches Belt Drive Fans

- **Completely automatic, fully assembled ready to operate.**
- **Heavy gauge corrosion resistant aluminum fan blade.**
- **Extra sturdy, corrosion resistant pointed steel frame.**

Poly Tube Ventilation



Ventilation For Dairy - Hogs & Chickens

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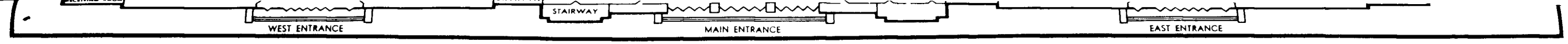

Visit commercial exhibitors at Farm Show

	Space #
Acorn Farm Equipment	624 & 625
Adams County Nursery	482
Agri-Broadcasting Network	537
Agri Stabilization & Conservation Svc	393
Agrotec, Inc	125 & 126
Agway Incorporated	365-370 & 381 386
W F Allen Company	483
Allied Farm Equipment	168-170,183 185,196 198
Allis Chalmers	146-157,171 182,199 204 incl
American Bag-All, Inc	583 584
Anchor Lab	510
Asgrow Seed Company	451
Avco New Idea Farm Equip	205 207,230 235 & 258 260
Babson Brothers Co	402 403 404
Badger Associates	7 & 8
Badger Northland, Inc	562 564 573 575
Baker, J E Co	598
Beachley Hardy Seed Co	433 & 434
Behlen Mfg Co	502 & 503
Bender Machine Works	416
Berg Equipment Co	410 & 411
Blue, John Co	6
Bountiful Ridge Nurseries, Inc	453
Boyds Seed Center	504
Brittingham Plant Farm	446
Butler Mfg Co , Livestock Systems	275,276 & 277
Butler Mfg Co	158 160, 143 145
Calumet Co , Inc	48,59,58,59
Cann's	557 558,559
Cargill Seeds	511
Carlton Seed Co	443
Carnation Co	538 & 539
Carter Seed Farm, Inc	452
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Clark Melroe	129A,129,130
Clay Equipment Co	520 522,529-531
Conaway, Inc	468 to 470
Cornell Mfg Co	548 549
Cummings & Bricker	350 353
Dairy Equipment Co	526 528
Danco Products	50 & 51 56 & 57
DeKalb-Pfizer Genetics	488 491
DeLaval Agricultural Div	417 420
John Deere Co	212 225 & 240 253
DeLavan Corp	585
Delaware Valley College	535
Doebler's PA Hybrids, Inc	444 & 445
E-Z Trail, Cagle Sprayer	26 & 27 36 & 37
Eccles Nurseries, Inc	447
F M C Corp	312 & 313 326 to 329
Farmers Home Adm	392
Farmway Co , Inc , Shenks Farm Serv	398 & 399
Federal Crop Ins Co	540
Fiberdome, Inc	544 & 545
Fickes Silo Co , Inc	266 & 267
Ford Tractor Operations	141 142, 161 162A 163 167, 186 195
Furst McNess Co	516
Gans Tire Co	567 to 570
Gehl Co	43 45, 62-64
Governor's Energy Council	394
Grain Systems, Inc	604 & 605
Gravely Tractor Corp	565,566 571,572
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Hamilton Equipment Co	314 319,320 325 330 335
Hanover Shoe Co	462
Hartman Enterprises, Inc	421
E M Herr Equipment Co	602 & 603
Hesston Corp	100 101 116 117 94 & 95
Hoard's Dairyman	532
Hoffman Seeds Inc	492 to 495
Homelite	512 & 513
Howard Rotivator Co Inc	133 & 134
Huskee Bilt Corp	615 & 616
HiScore Plant Food Co Inc	500 & 501
International Harvester Co	65 71 80 93 102 115
International Stock Food Corp	599 to 601
J & J Agriproducts & Serv	473 & 474
Jacques Seed Corn Co	505 to 507 incl
Jerr Dan Corp	72 & 73 78 & 79
K & S Inc	21 23 incl & 40 42 incl
Kasten Mfg Co	52 to 55 incl
Kendall Refining Co	472
Kubota Tractor Crop	46 & 47 60 & 61
Lamco Manufacturing Co	28 thru 35 incl
Lancaster Farming	274
Laubach Saw Equip Corp	514 & 515
Lehara Equipment Co	9 & 10
Lely Corp	11 & 12
Lincoln Electric Co	460 & 461
Long Mfg Co	96 99 incl & 118 & 119
McConnell Mfg Co	606 608
C A McDade Co , Inc	342 345 & 358 359
Madison Silo Co of Pa	15 17
Maine Potato Commission	591
Martin Distributors Inc	464 & 465
Mathews Co	354 & 355 348 & 349
Maxi Power Generator Systems	458 & 459
Modern Mill Inc	623
Morton Bldgs Inc	618 & 619
Paul Mueller Co	523 to 525 incl
Muncy Chief Hybrids	448 & 449
F E Myers Co	609 & 610
NaChurs Plant Food Co	478
National Farmers Organization	533
Niemeyer Corp	553 to 556
Norton Co	542
O Gold Seed Co	442
P A G Seeds	486 and 487
P & L Enterprises	422
Patz Co	550 to 552
Pearson Brothers Co	543
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Same and Lamborghini Tractors	24,25,38 & 39
Schlueter Co	412 to 415
Seal Crete Inc	597
Seedway Inc	499
Sharon Metal Products Inc	620 & 621
Shenango Steel Buildings	613 & 614
Show Ease Stall Co	518 & 519
Slaybaugh Brothers Nurseries	596
Sperry New Holland	280 311
Stanford Seed Co	479 481
Steiger Tractor Inc	74 77
Stoltzfus C U	580 & 581
Swantak Joseph, Inc	578 & 579
Tam Agri Corp	582
Terre Hill Silo Co Inc	261 & 262
Todd Farm Equip	390 & 391 374 377 360 & 361
Todd Hybrid Sales Inc	484 & 485
Top Line Corp	400 & 401 408 & 409
Tractor Supply Co	138 139 & 140
Troyer Mfg Co	593 & 594
Umbaugh Bldg Co	622
Univ of Pa School of Vet Medicine	536
Vanco Sales	517
Van Dusen & Co Inc	268 & 269
M/L Warwick	463
Robert Weaver	131 & 132
Wenger s Farm Machinery Inc	356 & 357 346 & 347
White Farm Equip Co	208 211 226 229 236 239 254 257
Williamstown Irrigation	576 & 577 588 & 589
Frank W Winne & Son Inc	586 & 587
Winpower Corp	466 & 467
Woods Div of Hesston Corp	127 & 128
J S Woodhouse Co	362 364 371 373 378 380 387 389
M Worley Nurseries	450
Wayne R Wyant Inc	1 5 120 124
Young s Livestock Nutritional Service	508 & 509
Zero Mfg Co	405 407
Zook & Ranck Inc	594 & 595

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Pennsylvania Cooperative Potato Growers
Pennsylvania Dairymans Association
Pennsylvania Livestock Association
Penn Mushroom Growers Coop Assoc
Pennsylvania Poultry Federation
Pennsylvania State Beekeepers
Pennsylvania Vegetable Growers Assn
State Horticultural Assn of Penn

CHURCH BOOTHS:

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ST STEPHENS EPISCOPAL CATHEDRAL
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NORTH BUILDING (DAIRY BARN)

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Amer Dairy Assn	N4 7
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Independent Buyers Association	N12 13
Keystone Ag Assoc	N8 9
Moutz Inc	N30 34
North Penn Sealstor Systems	N39 N41
Pennsylvania Holstein Association	N36-38
Raytec Mfg Co	N24
Ritchey Mfg Co	N16
Select Sires	N26
Silopress Inc	N19-21
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National Weather Service	U6
Palco Livestock Equipment	L6
Penn Forestry Co , Inc	L2
Pa Dept of Education	U1
Pa Dept of Labor & Industry	U5
Pa Game Commission	L5
Pa Historical & Museum Commission	L4
Pa Relief Committee	L3
Pa 4 H Organization	L11
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CORRIDER (NEAR SECURITY OFFICE)

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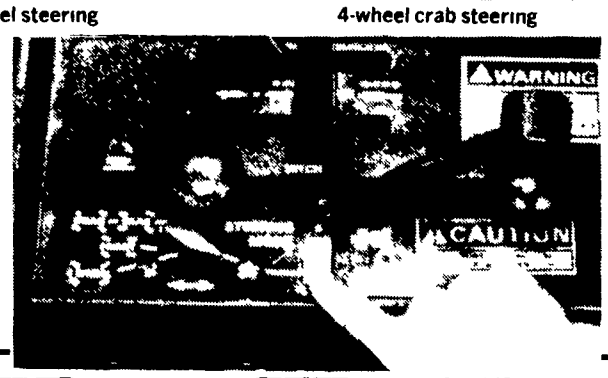

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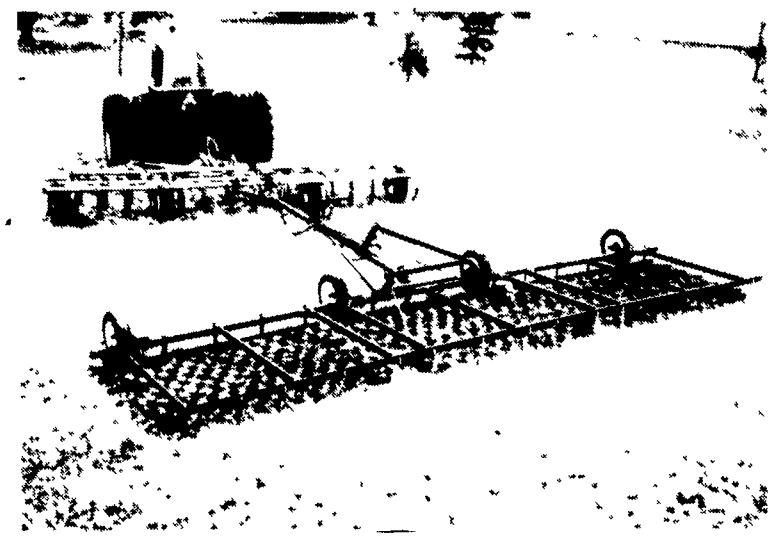

Hydraulic wheel-mounted harrow cart has been developed by Fuerst Brothers, Inc.

Fuerst cites harrow cart

OREGON, Ill. — Fuerst Brothers, Inc., has developed a new hydraulic wheel-mounted Harrow Cart designed for easy transportation of the Fuerst Flexible Tine Harrow.

Designed, built and field tested by farmer/users the Fuerst Harrow Cart is available in 16 to 34 ft. widths with several new features.

It's constructed with high-carbon tubular steel with wings which hinge at front and rear eliminating troublesome wing chains when cornering and transporting. The new model also features larger outrigger wheels adjustable for desired spacing, a longer tongue for tighter turns and a chain in slot for easier folding of wings for transport.

The Fuerst "Hercules" Harrow, with its "Spreading-Action" tine is the only tine harrow on the market that has been proven by years of university tests, black light studies and actual in-the-field service to give "near perfect" one pass incorporation of herbicides behind a disc or cultivator and shed trash even in the most severe conditions.

Film stresses conservation

BERNVILLE — Conservation - from seed to feed is a half hour film on the subject of agricultural conservation. Production started March of 1983. It will be completed and available for distribution this month.

According to producer-director Rodney E. Garrett, the film will attempt to focus on the technology available to farmers which will enable them to practice conservation. The film addresses itself not only to the conservation of soil and water but to fuel saving, labor saving and the efficiency of producing, harvesting and storing the crops.

Peter C. Myers, farmer and Chief, Soil Conservation Service, USDA will appear in the film making comments on what will motivate the farmer to change over from conventional tillage to conservation tillage methods.

Myers will also comment on a host of conservation equipment, tractors, fertilizer, computers, post emergence herbicides and much more.

"This film is not commercial in format. I selected Myers for commentary because his philosophy coincides with what the film is saying. That is namely that farmers will change over to conservation practices providing it is cost effective. We do have a real problem with soil loss in this country but you can't point the finger at the farmer. We did not have the technology years ago that we have now," explained Garrett.

Peter C. Myers, Chief of Soil Conservation Service is on location at a Maryland farm for filming.

The film is being sponsored by C.B. Hoober & Son, Dickey-john, Goodyear, Great Plains, Howard Rotovator, ICI Americas, IHC, Jacques Seed, Krause, Martin Limestone, Steiger, Valmont and Versatile.

The film will be available in 16 mm and video tape to all farm organizations, schools and universities, agri-businesses and banks at a norminal rental fee. The film can also be purchased.

For further information write Garrett Films International, Attention Christa Garrett, Box 253, Rt. 3, Bernville, Pa. 19506.

Ag financial stress continues

WASHINGTON, D.C. — The Farm Credit System experienced slow demand for loans and increased loan stress for the 12 months ended Sept. 30, 1983, according to the Farm Credit Administration, the independent Federal Agency responsible for regulating, supervising, and examining the system's borrower-owned banks and associations.

The combined net income of the Farm Credit Banks for the first six months of 1983 was $347.5 million, down from $587.3 million for the first half of 1982. The planned decline in earnings for the first six months of the year reflects efforts of the Farm Credit Banks to reduce net interest margins and loan fees to help troubled borrowers.

The amount of loans made by the Federal Land Banks for the 12 months ended Sept. 30, 1983, decreased 43.7 percent, compared to the previous 12 months, from $8.9 billion to $5.0 billion. Production Credit Association loans made were down 7.9 percent, from $33.5 billion to $30.8 billion.

The amount of Federal Land Bank loans outstanding on Sept. 30, 1983, stood at $51.1 billion, up 2.2 percent from the $50.6 billion outstanding a year earlier. The number of loans outstanding, however, declined 0.4 percent from 667,036 to 664,676.

On Sept. 30, 1983, Production Credit Associations had $20.4 billion in loans outstanding, down 9.1 percent from the $22.5 billion on the books a year earlier. They had 353,326 members with loans outstanding on Sept. 30, 1963, 6.7 fewer than the 378,783 a year earlier.

The long term nature of Federal Land Bank mortgage loans results in an increase in outstandings despite declines in loans made, and the short term nature of Production Credit Association loans is more quickly reflected in

(Turn to Page F27)

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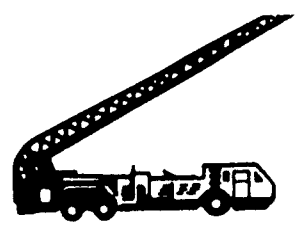

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Franklin County DHIA Monthly Report

dhia
Pennsylvania Dairy Herd Improvement Association

November Report
Rolling Herd Averages
Above 650 lbs Butterfat

NAME	BRD	NO COWS	LBS. MILK	LBS. FAT
RV&Sv Hollenshead	B3	33	21,343	757
Oakleigh Farm	3	103	19 658	755
Clinton Stahl	B3	52	21,138	743
Wayne A Hall	3	37	19,451	713
Richard Harshman&Son	3	70	18 957	698
Wayne L Beidel	3	56	18 715	696
Dennis W Bricker	B3	35	19,161	694
Ray Wingert	3	52	17 770	694
Burk Lea Farms	3	128	20 148	692
H Lester Oyler Est	3	75	18 432	692
J Eldon Crider	3	45	18 350	692
Harold Goshorn	G3	71	17 758	691
Edwin R Eby	B3	57	18,396	690
John A Witmer	B3	37	19,164	684
JC Young Jr&Son	3	59	18 373	684
Rebeken Farm	B3	94	18,517	681
Raising Kane Farm	3	32	16 988	676
Mark W Meyers	3	85	17,821	675
Kenneth E Oliver	3	28	17 427	675
Lester&Alvin Meyers	3	54	17 778	672
George Skelly	3	70	18,023	671
Lawrence Lehman	B3	64	17 476	670
Preston M Frey	B3	33	18,139	670
RV&SF Hollenshead#2	B3	60	19 009	669
Culbertson Green Farm	B3	103	18,649	669
William E Swailes	B3	79	18,511	668
Twin Maple Farms	B3	42	17,261	667
Carl O Stuff	B3	46	19,841	666
Marv Adams&Sons	3	44	18 380	666
Gaymere Farms	3	178	17 424	661
Lester D Fortna	3	37	17,916	660
Keeners Dairy	B3	116	16 940	658
Fred E&Dale Rice	3	167	18 468	656
Kenneth L Caufman	3	37	16 792	656
Myr Lea Farms	3	70	18 275	655
Roger Beck	B3	61	17 208	652

OWNER NAME OR NO.		AGE AT CALVING	DAYS IN MILK	LBS. MILK		LBS. FAT
Virgil H Crider						
47	GH	6 4	305	23 644	4 3	1006
Richard Harshman&Son						
Melod 64	RH	5 0	305	22 432	4 1	991
Preston M Frey						
Sherry	RH	5 10	305	24 102	4 1	986
Richard Harshman&Son						
Dawn 20	RH	6 8	305	26 651	3 7	975
Fred E&Dale Rice						
369	GH	4 5	305	26 081	3 7	970
JC Young Jr&Son						
Beth	RH	7 1	305	20 778	4 6	960
Edwin R Eby						
99	RH	7 0	305	21 090	4 5	955
William Reynolds						
Buff 115	GH	4 11	305	26 245	3 6	954
Harold Goshorn						
015	GH	5 1	305	21 508	4 4	944
Philip&Conrad Hege						
103	GH	5 1	305	25 234	3 6	920
Culbertson Green Farm						
184	RH	6 6	305	24 175	3 8	916
George Skelly						
Chip 62	RH	3 10	305	27 112	3 4	914
Criderdale Farm						
Judy 45	RH	8 5	305	23 220	3 9	905
Edwin R Eby						
7	RH	4 6	305	23 860	3 8	899
Culbertson Green Farm						
353	RH	4 1	293	21 794	4 0	880
Criderdale Farm						
Joy 165	RH	4 2	288	20 132	4 4	880
Philip&Conrad Hege						
111	GH	4 7	305	20 210	4 4	880
Fred&Dale Rice						
337	RH	7 6	305	25 224	3 5	879
Melvin Diem Jr						
73	GH	8 6	305	24 221	3 6	878
Harold Goshorn						
117	GH	4 0	285	20 351	4 3	872
RV&SV Hollenshead						
Magic	RH	3 2	305	21 415	4 0	867
Carl L Brantner						
6	RH	11 6	305	20 217	4 3	867
William C Ile						
Karen	RH	6 4	305	21 605	4 0	863
Paul Z Weaver						
Emmy 35	GH	3 9	305	20 910	4 1	861
C Glenn Daugherty						
Zippy	RH	3 7	305	22 569	3 8	860
Norlo Farm						
147	RH	5 8	305	21 188	4 0	858
Culbertson Green Farm						
216	RH	5 8	305	24 955	3 4	853
Mountain Green Farm						
187	RH	5 7	305	19 708	4 3	851
Joseph S Middour						
Rhonda	GH	10 3	305	27 781	3 1	850
Douglas C McCulloh						
112	GH	4 8	305	26 710	3 2	850
Harold Goshorn						
142	GH	3 2	305	19 755	4 3	850

Ag stress

(Continued from Page F26)

the amount outstanding.

The Federal Land Banks reported 2,658 loans in the process of liquidation on Sept. 30, 1983, up from 1,605 a year earlier. These are loans on which some formal action to collect principal and interest has been initiated. Attempts to collect them include voluntary sale of assets or legal action. The value of loans in the process of liquidation increased from $267.9 million to $516.8 million.

The value of properties acquired by the Federal Land Banks stood at $23.6 million on Sept. 30, 1982, compared to $84.3 million on Sept. 30, 1983. Loan losses increased from $700,000 to $5.4 million.

On Sept. 30, 1983, 8,586 Federal Land Bank loans, 1.4 percent of the total number outstanding, were delinquent 90 days or more.

Production Credit Associations reported loans in the process of liquidation with a value of $525.1 million on Sept. 30, 1983, up from $328.6 million a year earlier.

The value of properties acquired by PCAs as of Sept. 30, 1983, was $137.1 million, compared to $71.6 million for the same date a year earlier. Loan losses for the 9 months ended Sept. 30, 1983, rose to $145.7 million as compared to $36.9 million for the first 9 months of 1982.

PCAs in 11 of the 12 Farm Credit Districts had 5,172 loans delinquent more than 90 days on Sept. 39, 1983, 1.9 percent of the number of members with loans outstanding in those districts.

Repayments by borrowers to Federal Land Banks were stronger for the first nine months of 1983, but weaker for Production Credit Associations. Federal Land Bank repayments were 88 percent of the 1978-1980 average rate, compared to 71 percent of the comparable period a year earlier, but Production Credit Association collections declined from 92 percent to 80 percent.

Refinancing of existing debt stayed steady for Production Credit Associations, at 14 percent of loans made. FLB refinancing of non-real estate debt declined from 15 to 12 percent of loan funds from Sept. 1982 to Sept. 1983. FLB refinancing of FLB debt declined from 24 to 21 percent of loan funds disbursed.

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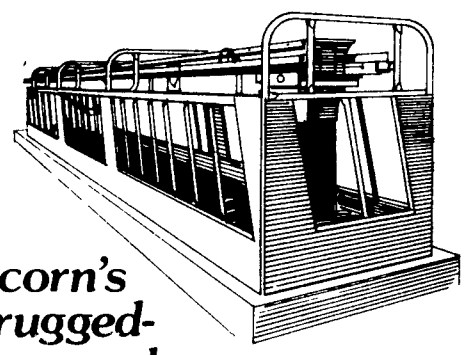

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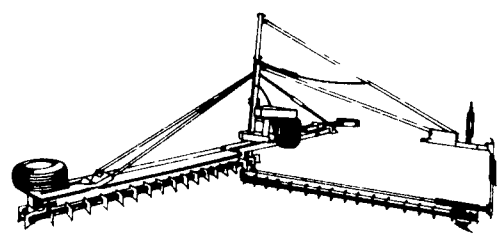

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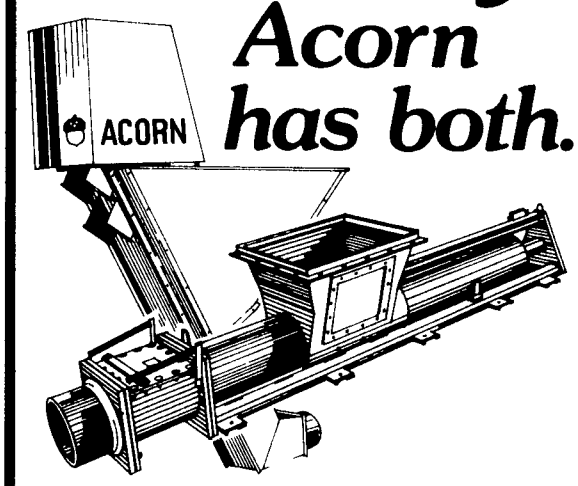

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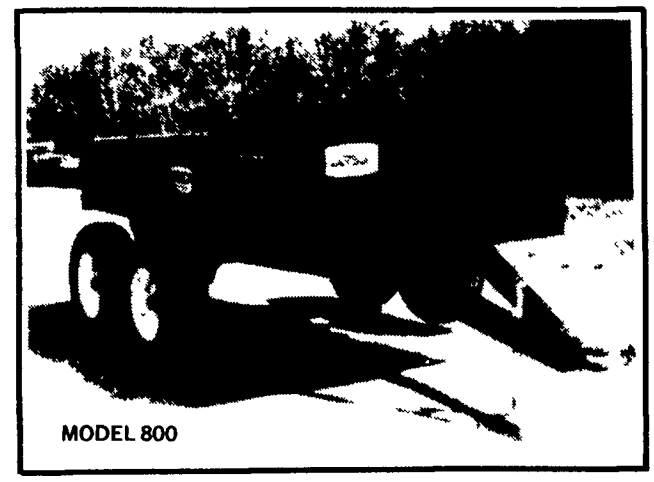
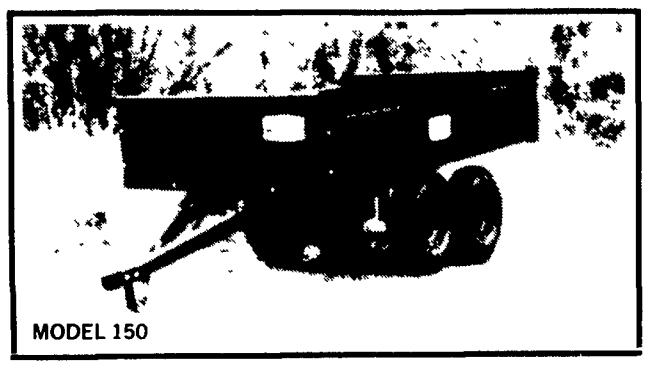

MODEL 800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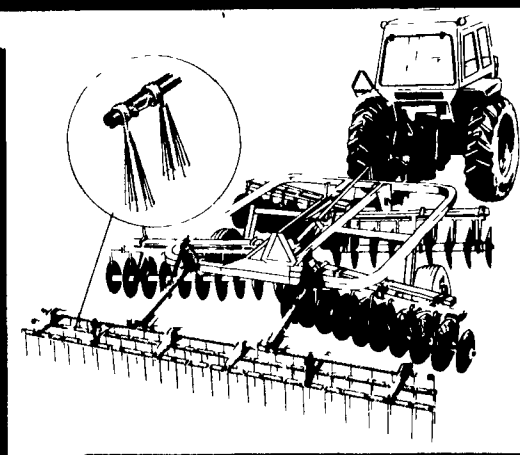

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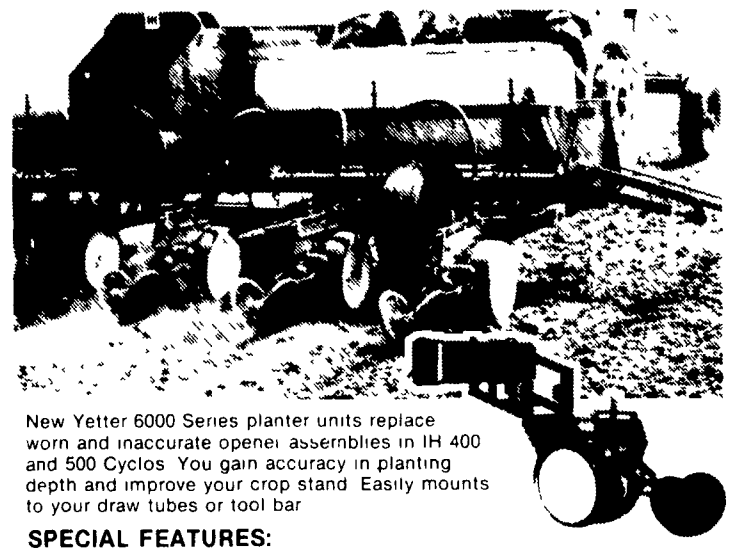

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- Synchronized operation of discs gauge wheels and seed drop tube
- Fully adjustable gauge wheels for consistent planting depth
- Forward motion compensating seed drop tube
- One Lever depth adjustment
- Independent pitched closing wheels (no over seed compaction)
- Plants 15 rows or wider

See your local Yetter Dealer today

Yetter farm equipment

Yetter MANUFACTURING CO
Colchester Illinois 62326 0358
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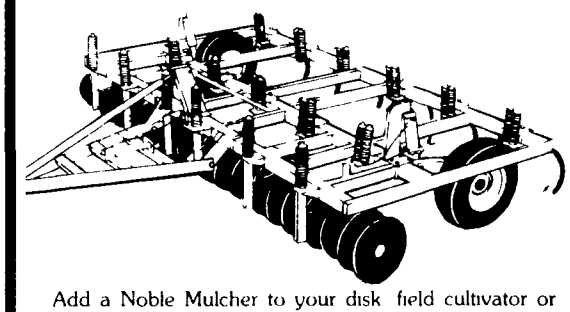

Add a Noble Mulcher to your disk field cultivator or chisel plow and save an extra trip over your fields You can level mix mulch and incorporate chemicals all in one pass

A Noble Mulcher can save you time and energy eliminate weeds help conserve moisture increase your yields and profits

Noble Mulchers feature vi bra' action spring coil teeth The circular motion of each tooth breaks up air pockets to firm the seedbed Young weeds are also pulled to the surface to die

Come in soon we'll show you how a Noble Mulcher can enhance your existing tillage equipment

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FRANKLIN EVERLAST HOG & CATTLE WATERERS are BUILT TO WORK . . . and TO LAST . . . .

HERE'S WHY Talk about quality in livestock watering equipment and you automatically think Franklin because every one of Franklin s heavy-duty Everlast Waterers is built to last and built to fit your needs in a variety of dependable models and sizes Here s the automatic all-galvanized steel waterer that feeders livestock men agricultural colleges and dealers **asked us to build!** It s the result of more than a quarter-century of sales service and manufacturing know-how and it s backed by more than a half-century of service to the farm industry It s the strongest and heaviest steel waterer on the market It s equipped with precision engineered thermostats economical heating elements and a patented float valve that ensures automatic low-cost trouble-free service in summer or winter Makes all other valves obsolete Take a good look at the extra features extra safety the extra quality you can get in a Franklin Compare you ll be surprised at the difference you find in watering equipment

Canadian models are CSA approved

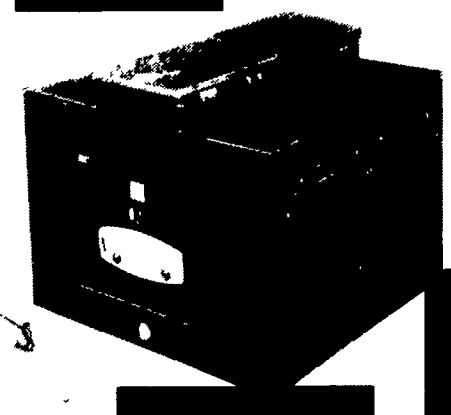
All Cattle Waterers Grade A approved

HEATING ELEMENT Finest quality calrod-type heating element Epoxy seal on unit prevents moisture from entering — no blow out Flat surface mounting for faster heat and economy of operation

THERMOSTAT Brass immersion type thermostat in line with and is easy to adjust Extremely accurate

TROUGHS All troughs are made from extra-heavy gauge material Franklin troughs and casings are fully 2 gauges heavier material than most competitive waterers

SERVICE DOOR Easy opening service door Exclusive door latch seals tightly to prevent heat leaks and winter time freeze ups Thermostat troughs valves heating elements easily accessible for inspection and service if needed



INSULATION Heavy foam insulation to provide lowest possible operating cost

HOG DOOR Largest hog door available in cattle waterers Unit easily converts to hog use

It s the Heart of Your Livestock Watering System

CASING Heavier gauge all steel construction — one-piece casings are formed from heavy gauge galvanized steel

FLOAT The new low cost maintenance stainless steel float valve durable and simple to service

DRAIN Flush edges and recessed drain — no sharp protruding edges — increase life of the unit considerably

For better and longer service read instructions before installation

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Ideal For the New Wider, Larger Hp Tractors, Plus Many More Extras!

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Extra Strong Frame Larger Cylinders

Self-leveling

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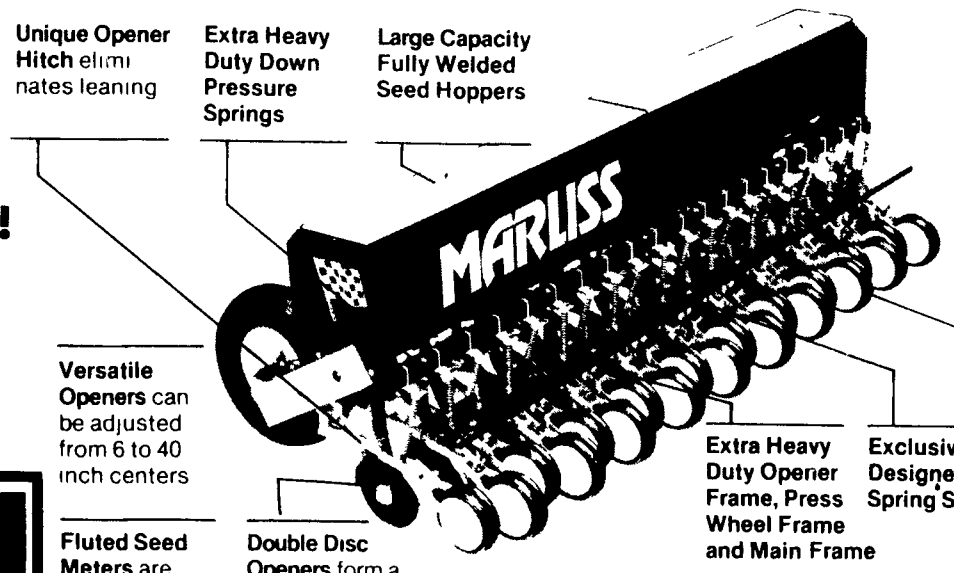
Introducing the Soybean & Grain Drill. Built Marliss Tough!

Marliss Soybean & Grain Drill marries your seed with the soil and gives them maximum opportunity to grow.



Unique Opener Hitch eliminates leaning

Extra Heavy Duty Down Pressure Springs

Large Capacity Fully Welded Seed Hoppers

No Grease Fittings reduce maintenance

Unsurpassed Seed Depth Control

Sizes: 7', 10', 14', 15', 20', 27' and 30'

Versatile Openers can be adjusted from 6 to 40 inch centers

Fluted Seed Meters are easily adjusted without tools

Double Disc Openers form a seed trench in a true narrow V'

Extra Heavy Duty Opener Frame, Press Wheel Frame and Main Frame

Exclusively Designed Spring Seats

Eight Types of Seed Firming and Seed Press Wheels

Schoessow offers a new

SLANT ON SAVING FEED

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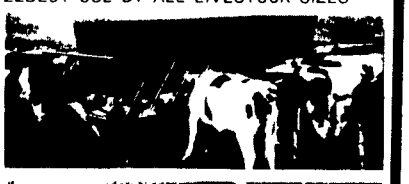
FARMERS FAVORITES

FEED EFFICIENT



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Will feed chopped green feed large round or square bales regular bales silage haylage chopped hay or ground feed 40 30 25 20 15 or 10 foot lengths

ALL PURPOSE FEEDER WAGONS

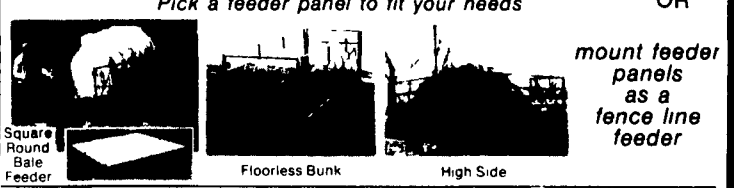
Schoessow's Versatile *SLANT* Bar Feeder Bunks

Full Sized Bunk | Easily Movable Trailer Bunk | Mini Bunk For Calves and Sheep

Schoessow's *SLANT* Bar Feeder Panels

Pick a feeder panel to fit your needs

OR



Square Round Bale Feeder | Floorless Bunk | High Side

mount feeder panels as a fence line feeder

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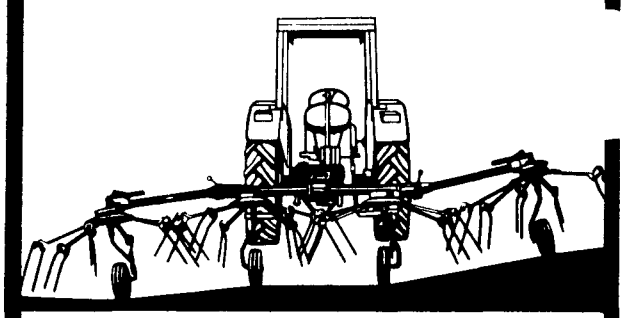
DEUTZ-FAHR... THE GENTLE POWER IN THE HAYFIELD.



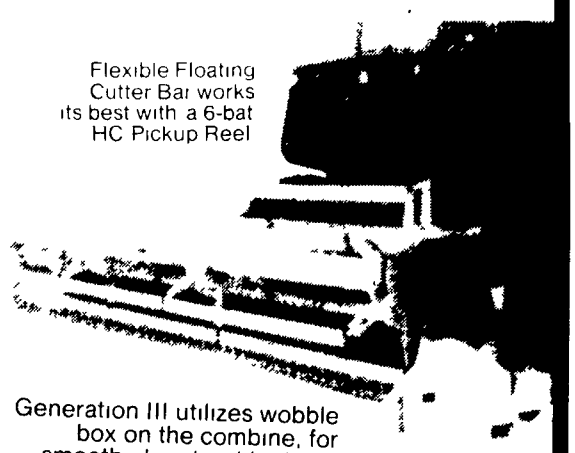
The hay's down and it rained.

The rains may soak your cut hay, but the Deutz-Fahr Centipede Haymaker can save your crop It lifts, turns, fluffs, spreads and flexes the stems to release moisture fast You get fast air-drying, save more nutrients and maintain hay quality

Stop in soon and check out the new Deutz-Fahr Centipede Haymaker See why Deutz Fahr is the gentle power in the hayfield

DEUTZ FAHR

Just say Hart-Carter



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Generation III utilizes wobble box on the combine, for smooth, direct sickle drive Generation II with Pitman drive available for other combines

...and you've got the Pickup Reel and Cutter Bar that should save you 2 or more BPA of soybeans.

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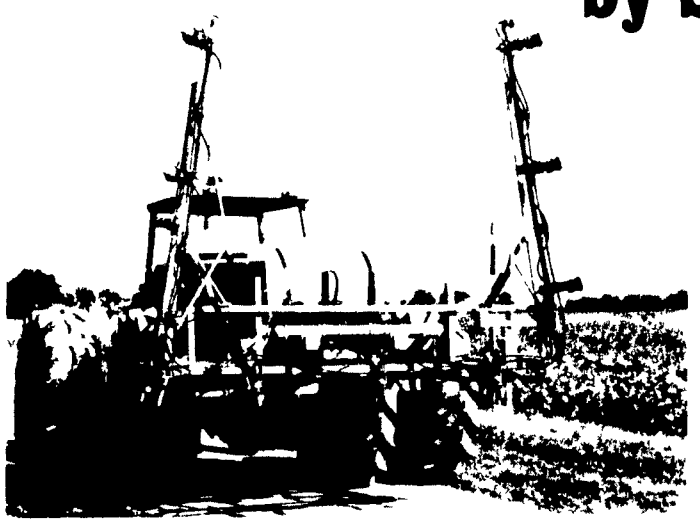
Rotary Atomizers by Sprayrite offer...



VERTICAL FOLD MODEL S-150 SERIES

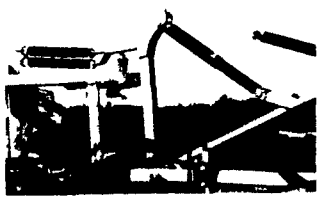
The S-150 vertical fold boom is available in swath widths from thirty (30) feet up to forty (40) feet It is standard with 130-inch center section For standard specifications refer to next page

HYDRAULIC BOOM FOLD VERTICAL FOLD

All hydraulic cylinders for boom fold are 2x8 Boom folds into transport cradle for stable transport

HYDRAULIC DRIVE ROTARY ATOMIZER

Sprayrite Rotary Atomizers are unique Feed tubes introduce the liquid into the bottom of the spinning cup This assures uniform feeding regardless of spinner angle A two positional spinner bracket is standard

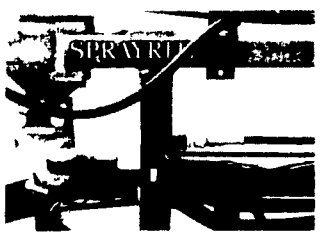


BOOM SHOCKS AND COMPENSATING SPRINGS

No Controlled Droplet Applicator Boom is acceptable without boom shocks and compensating springs Severe shocks shake the liquid down in the spinning cup This in turn results in inconsistent control

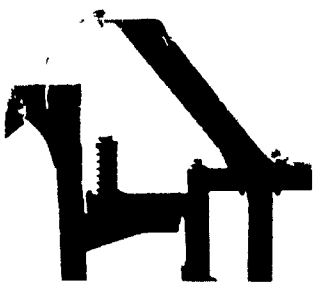
BOOM RETURN HOSE MANIFOLD

Whether using a monitor or S I S the faster the adjusted rate change enters the boom manifold the more responsive the system To prevent oil and certain chemicals from separating the return hose is essential



HYDRAULIC BOOM FOLD HORIZONTAL FOLD

Plus booms are standard with hydraulic fold Hydraulic hose is routed to the center panel with connecting hose to the tractor Tractor ends are not included Boom folds into adjustable transport brackets



WING SECTION TAKE UP

For horizontal fold booms the wing section take up lifts the outer wing sections as it folds For three point hitch units when in a raised position this take up prevents booms from touching the ground

BREAK-A-WAY HORIZONTAL FOLD (Model S-200)

The S 200 break a way hinge mounts on the mid section of the boom Two tension springs, one on top and one below are typical

---

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Upper Susquehanna DHIA

November Report
Rolling Herd Average Above 650 Lbs Fat

NAME	BRD	NO. COWS	% COW DAYS IN MILK	LBS. MILK	LBS. FAT
Montour					
C R Slater&Son	RH	34 7	84 7	20 471	753
PA Depart of Agri	R&GrH	114 5	84 5	18 573	708
Lundy Brothers	R&GrH	36 8	85 5	17 750	682
Mar Ja Farm	RH	144 3	90 4	16 521	658
Northumberland					
Trucken Fm	R&GrH	63 2	88 3	19 145	726
Irvin Reynolds	R&GrH	83 2	85 6	20 287	702
Snyder					
HL Nare &S	R&GrH	57 6	89 3	18 491	738
G&B Carper	R&GrH	55 4	87 7	18 924	723
Rand A Hoffman	R&GrH	31 1	80 2	20 060	719
Harold S Hassinger	RH	41 7	88 9	17 679	707
Robert Ulmer&S	R&GrH	63 5	88 1	18 991	699
Elmer&Dave Apple	R&GrH	58 4	89 5	17 750	692
W Paul Womer	R&GrH	34 1	86 5	18 329	665
Urie&Dan Yoder	RH	53 4	88 1	17 878	661
I&M Wenger	R&GrH	50 6	85 1	16 562	658
Jos&Grace Blank	R&GrH	43 0	86 3	17 631	650
Union					
Clarence W Beiler	RH	63 7	89 1	20,287	792
Locust Row Farm	R&GrH	44 6	90 6	18,689	720
Amos J Zook	R&GrH	51 0	86 5	19,081	709
John F Stoltzfus	R&GrH	49 2	87 4	19,673	704
Jonas R Zeiset	R&GrH	41 5	90 0	20,092	686
Elam Beiler	RH	42 4	90 5	16 606	683
Eugene Spangler	R&GrH	75 3	90 0	17 028	683
Wood Ann Farm Inc	R&GrH	31 5	87 6	18 485	681
Ben S Yoder	R&GrH	37 8	84 8	18,469	670

LACTATIONS FINISHED OVER 700 LBS BUTTERFAT

OWNER NAME OR NO.	AGE	DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Montour					
PA Dept of Agriculture					
137		6 2	290	19 913	3 7	728
288		4 4	291	17 060	4 2	718
344		3 4	305	17 750	4 0	704
263		3 5	295	18 938	3 9	742
JA DA Land						
Lucky		5 4	305	19 260	3 8	732
Lundy Brothers						
Norma		4 9	305	16 332	4 4	714
Jane		3 3	305	17 449	4 5	779
Hoe		3 4	296	18 134	3 9	705
Mar Ja Farm						
Taffy		4 5	305	20 879	3 6	750
Earl W Harris						
Angel		4 3	305	23 511	3 1	730
Marcia		3 1	305	23 785	3 3	775
Clifford A LeVan						
Hope		4 2	305	19 069	3 8	727
Desiree		2 11	305	19 537	4 1	797
Carl R Slater&Son						
Bridget		4 6	305	20 556	4 0	813
Northumberland						
Leon Epler Farms Inc						
197BIK3		2 4	305	22 298	3 4	748
Ernest L Wolfe						
Giggles		6 1	305	24 022	3 3	795
Gem		3 2	305	22 311	3 5	780
Ernest Klinger						
14		6 5	305	22 182	4 5	996
15		5 0	289	19 938	3 5	703
13		3 2	305	21 049	3 9	812
Park Buckwalter&Sons						
Kitty		3 10	305	18 152	3 9	701
Gusto		3 1	295	22 525	3 4	773
Irvin Reynolds						
14		6 0	305	26 301	3 4	897
3		5 6	305	25 443	3 2	806
26		5 2	305	22,567	3 3	747
63		4 4	301	24 097	3 4	826
8		2 11	305	24 781	3 4	835
RMD Shultz Farms						
Lori		7 9	305	21 207	3 6	761
Stardust		4 0	304	22 119	3 4	750
Elsie		3 11	305	19 633	3 8	743
Orville Shultz						
29		5 3	305	19 957	4 2	831
Lloyd B Zimmerman						
100		4 3	275	21 265	3 5	741
103		4 1	305	26 026	2 8	735
37		3 8	305	22 062	3 5	782
John Bomberger&Sons						
880		8 3	303	21 657	3 3	722
312		3 3	305	23 321	3 1	718
Harold Krock&Son						
Connie		4 10	305	21 768	3 4	732
CC Fisher&Son						
Fag191		6 7	288	19 781	3 8	742
Erica70		3 8	305	24 818	2 9	717
Leire Fry&Sons						
Janell		5 5	305	21 029	4 1	853
Albert W Heimbach						
173		11 4	305	20 276	3 8	763
231		9 0	237	14 580	5 3	779
400		4 2	305	21 093	3 4	723
Urie&Dan Yoder						
Linn		6 0	305	18 557	3 9	732
Phyllis		4 8	305	20 941	4 3	895
Wes		4 4	305	17 998	4 0	717
James M Hunsberger						
Phyllis		4 11	305	19 681	3 7	733
Glenn&Barb Carper						
Roses100		7 0	305	27 440	3 6	981
Hatie58		4 10	305	19 174	3 9	739
Teres59		4 5	300	16 664	4 3	720
Robert Ulmer&Sons						
Pearl54		8 0	305	21 709	3 4	728
Dixie10		2 1	305	17 376	4 5	780
Elmer&David Apple						
54		7 7	305	22 978	4 2	961
Michael&Deb Ewing						
Heather		7 8	305	14 564	5 0	733
Sidney&Susan Hoffman						
Red		4 3	305	19 260	3 8	724
Conewago Farms						
Alto 78		4 0	305	17 172	4 4	758
D&N Hornberger						
Augie 7		4 3	305	21 514	4 2	907
Daniel Hostetler						
5		5 6	305	19 628	4 0	782
Nevin C Hoover						
Robin		5 0	300	15 515	4 9	761
Lass		3 1	299	18 921	4 0	756
Union						
Leon M Musser						
Dot		5 3	305	19 674	4 0	789
San Be Farms						
Dandy		7 9	305	21 607	3 5	762
Dorcas		6 4	305	22 122	3 5	780
Kelly		6 11	298	16 994	4 3	729
Leslie		4 11	292	16 162	4 9	785
Bev		4 0	291	19 835	3 5	702
Nancy		3 0	298	22 179	3 5	769
Clarence W Beiler						
Carosel		8 10	305	23 703	3 8	899
Chief		5 11	305	21 663	3 8	818
Sugar		5 2	305	18 784	3 8	710
Elam Beiler						
Famous		3 5	305	20 303	4 5	923
Amos J Zook						
Boots		6 0	305	23 650	3 4	799
John F Stoltzfus						
34		6 6	294	22 443	4 0	890
92		5 5	305	21,603	3 9	837
Hemlock Meadow Farm						
Bloss		3 1	305	22 266	4 7	1045
Wood Ann Farm Inc						
Mary		4 1	297	17 668	4 1	733

(Turn to Page F31)

USDA trips planned

WASHINGTON, D.C. — Secretary of Agriculture John E. Block and other top U.S. Department of Agriculture officials will visit a number of countries in January and February in an attempt to bolster sales of U.S. farm products which have been declining in recent years.

The U.S. officials will meet with government and private industry agricultural representatives in all host countries to discuss market opportunities and to reinforce the position of the United States as a reliable supplier of agricultural products.

Block will lead a trade team to West Germany, Israel, Algeria and Morocco on Jan. 25-Feb. 4. The team will consist of USDA and U.S. State Department officials and representatives of U.S. trade groups including the U.S. Feed Grains Council, U.S. Wheat Associates and the American Soybean Association.

Under Secretary of Agriculture Daniel G. Amstutz will leave Jan. 23 for East Germany, Hungary and Yugoslavia as part of U.S. market development efforts. He will also be in London to represent the United States in grain trade consultations with the Soviet Union and then in Paris to attend meetings of the Organization for Economic Cooperation and Development. He will return Feb. 4.

Richard A. Smith, administrator of USDA's Foreign Agricultural Service, will visit Colombia, Peru and Chile on Jan. 9-17. He will be accompanied by other USDA officials and representatives of U.S. agricultural trade groups.

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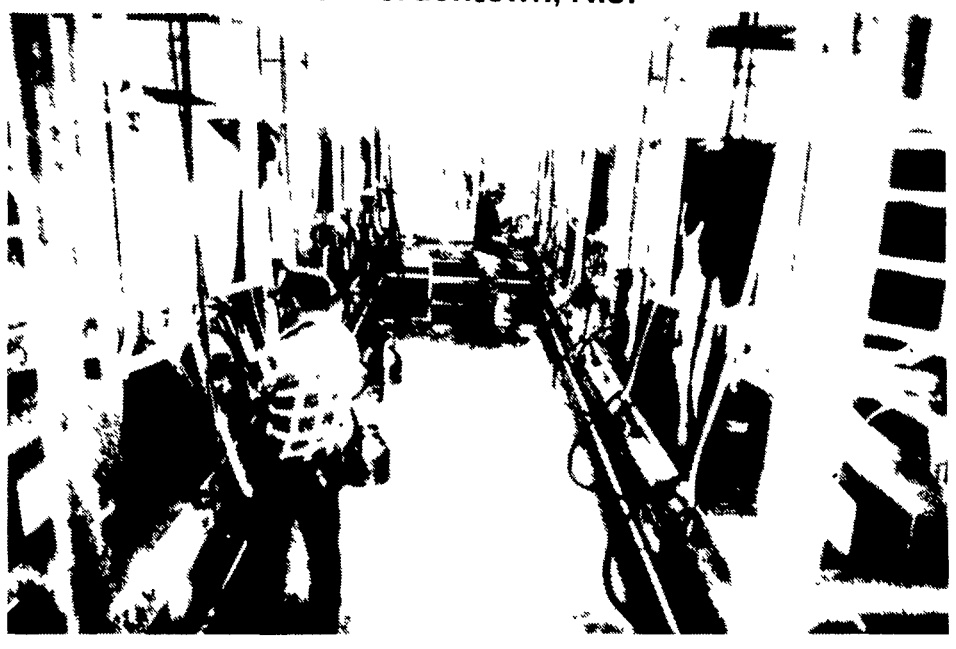

On Their New Milking Parlor And Holding Area Facility

FEATURES

- Roof Trusses 4' On Center, Which Allows Heavier Snow Load
- Circle Crowd Gate System
- Hospital Area With Restraint For Herd Check
- Bonded Steel Grid Grounding For Stray Voltage
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New nozzle is reported

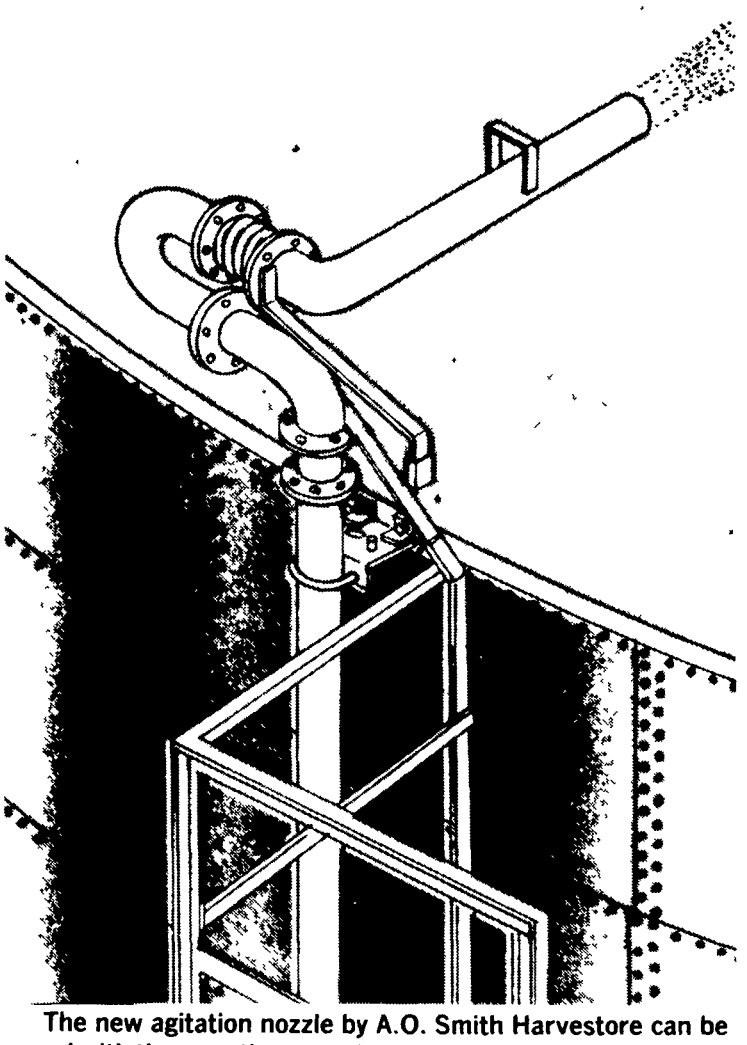
ARLINGTON HEIGHTS, Il - A new agitation nozzle to be used with the over-the-top agitation kit available as an option with the Slurrystore system for liquid manure has been announced by A.O. Smith Harvestore Products, Inc.

According to the manufacturer, the new nozzle is designed to provide complete and thorough surface agitation of liquid manure in the above grade slurry tank.

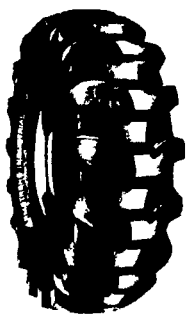
Two swivel joints provide side-to-side and up-and-down adjustment flexibility, allowing the operator to aim the discharge to virtually any point within the Slurrystone structure, and to follow solid chunks as they move around the structure.

The straightening vanes and reduced diameter of the 4½ in. discharge nozzle provide an intense, powerful stream, capable of hitting the far wall of smaller diameter structures.

The nozzle's specially designed assembly counterbalances fluid forces, making it easier to control. It is easy to adjust, even while the slurry pump is running at high capacity.



The new agitation nozzle by A.O. Smith Harvestore can be used with the over-the-top agitation kit.



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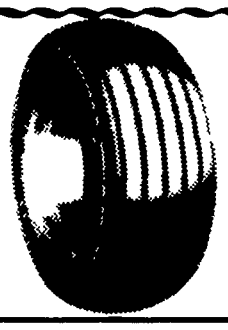

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11Lx15 8 Ply
$47.00

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10-16.5, 6 ply ... $80.00
12-16.5, 6 ply .. $115.00

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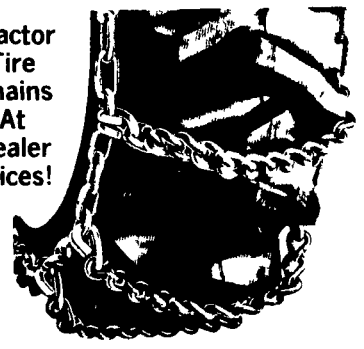

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11.2x24, 4 ply. $95.00
11.2x28, 4 ply $113.00
11.2x38 ..... $140.00
11.2x36 ..... $135.00
12.4x24 ..... $120.00
12.4x28, 4 ply $125.00
12.4x38 ..... $165.00
13.6x28, 6 ply $155.00
13.6x38, 6 ply $191.15
13.9x36, 6 ply $185.00
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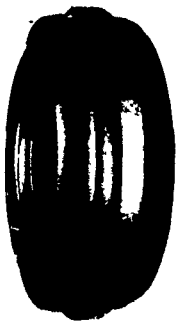

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(Continued from Page F30)

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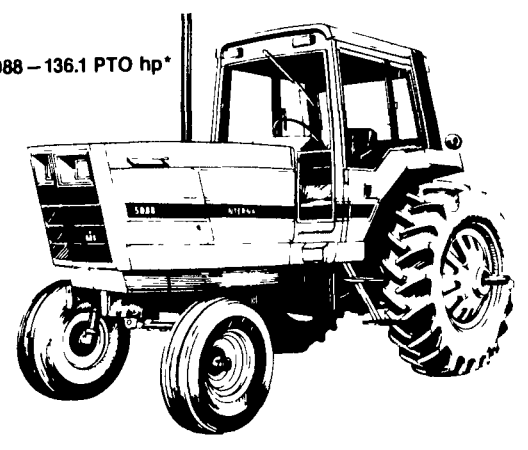

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Farm Talk

by **Jerry Webb**
Delaware Extension

If you're looking for a break in the boredom of a long winter around the farm, check the Pennsylvania Farm Show schedule. It starts tomorrow, and runs through next Friday. As always, the Farm Show is held at Harrisburg, an easy drive for most area farmers.

For the uninitiated I must say the Pennsylvania Farm Show is truly an agricultural exposition. Thousands of exhibits, ranging from the smallest of seed corn displays to multimillion dollar farm implement collections will be there. There'll also be a full line of livestock displayed, including draft horses, dairy and beef cows, sheep and hogs. Each day is loaded with activities such as livestock judging, horse pulling, square dance competition, and livestock auctions. Also, most of the Pennsylvania agricultural organizations hold annual meetings during Farm Show week.

While the Pennsylvania Farm Show is aimed primarily at an agricultural audience, it undoubtedly draws more nonfarm participants. If the weather is favorable, thousands of people crowd into the Farm Show complex each day. School buses and pick-up trucks in every brand, style and color, jam the Farm Show parking lot. Their occupants scatter out to get a firsthand look at their part of agriculture that interests them.

It's hard to compare the Farm Show with anything else. I've never attended an agricultural gathering quite like it. It's more like a Midwestern state fair than anything else except that it's all under roof and there's no carnival. There are livestock shows and machinery displays, and an assortment of educational exhibits along with some grandstand entertainment in the evenings. And there's plenty of good food prepared by a wide range of civic and religious organizations. And aside from a small charge to park your car, the whole thing is free.

Believe me, there are no dull days at the Farm Show. Something is going on all the time and there's more to see than you can cover in the few hours that will probably be available.

Improved roads have made the trip to the Farm Show easier. From Delaware and eastern Maryland take route 283 west from Lancaster where it meets U.S. 30. Stay straight ahead on 283 where it enters the concrete jungle three miles above the turnpike. Avoid signs saying I-83 and Harrisburg. Instead, follow U.S. 322 west toward Lewistown. Three exits farther north the road meets with I-81 south. Signs point for Carlisle. That's your exit. Follow I-81 two miles to exit 23 and Camerone Street East and the Farm Show complex is right there. If you get lost, ask anyone where the Farm Show is and chances are they can tell you.

I'm planning on catching some of the Farm Show on Tuesday 10 and also participating in the annual Master Farmers award luncheon that day which is held nearby. Hope to see you there and remember, although it's a farm show, it's of interest to everyone.

Grain monitor reported

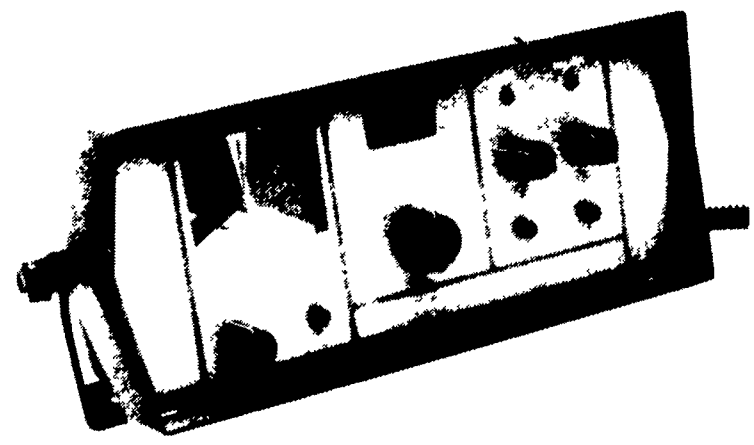
MARYSVILLE, Wash. — A new GL-10 grain loss monitoring system for combines has been introduced by the Ag Division of J&H Incorporated. It fits on all combine makes and models for harvesting corn, wheat, rice, soybeans, oats, barley, sunflowers, rye, milo etc.

Field tests have shown combines equipped with this system increase yields by 2% or more and reduce combining time by 20% or more, according to a company spokesman.

The console, which mounts in the combine cab, has a digital read-out to monitor grain loss from full width sensors at both the walker/rotor and the sieve locations. An area based grain loss meter, with a drive shaft sensor, is also included. Deflectors are also provided to direct lost grain to the sensors.

Individual sieve and walker/rotor sensitivity adjustments make it possible to monitor loss of all types of grain on all types of combines. An individual audible/light alarm for both the sieve and walker/rotor locations can be set o the console to go off if grain loss exceeds the desired limit.

The J&H GL-10 grain loss monitor is available at farm equipment dealers or at specialized agricultural electronic sales and service centers. For more information contact the Ag Division, J&H Incorporated, 6120 31st avenue N.E., Marysville, WA 98270.



Harvesting losses are reportedly cut with new grain monitor from Ag Division of J&H Incorporated.

4-H Beef Club

The December meeting of the Hunterdon County 4-H Beef Club was held at the home of Anne Vaughan in Flemington, Hunterdon Co., N.J. Leader in attendance was Julie Higgins.

Election of new officers took place. The new officers are: President, Greg Novak; Vice President, Mary Beth Brenner; Secretary, Jody Neuberger; Corresponding Secretary, Ken Panacek; Treasurer, C.G. Higgins; Reporter, Jason Peighard.

There were five new members joining the club. They are Renee Kostak, Jill Kostak, Fritz Neuberger, Jenny Reighard and Jim Scherer.

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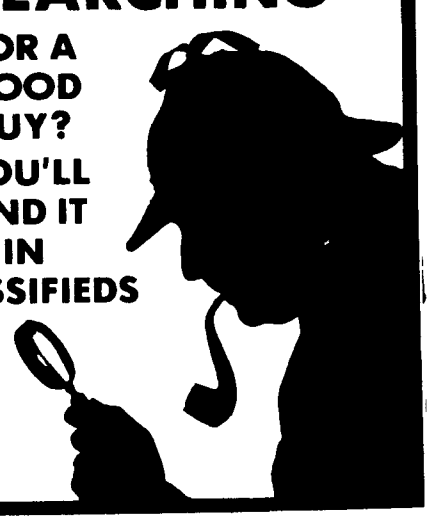

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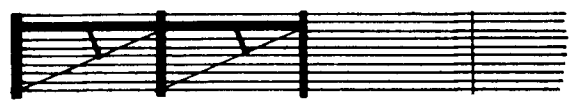

USA WIRE 12 ga Type 3 galv 4000 — 75.00
10 Coil 4000 wire (same as above) — 650.00
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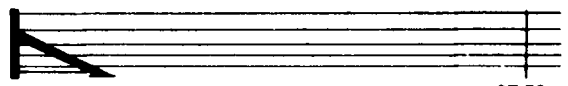

NZ WIRE 12 ga Type 3 galv 2160 55 lb — 37.50
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NZ WIRE 35 45 lb coils All High Tensile — .75
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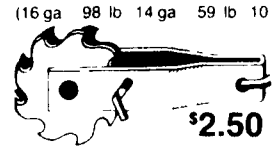

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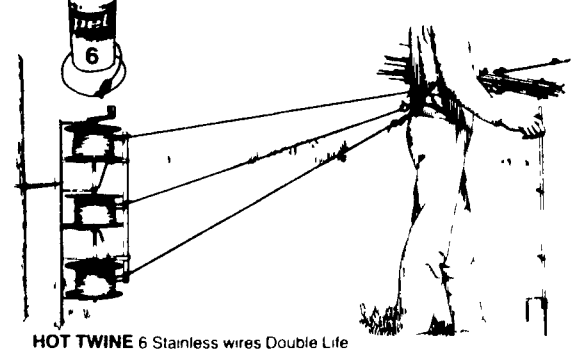

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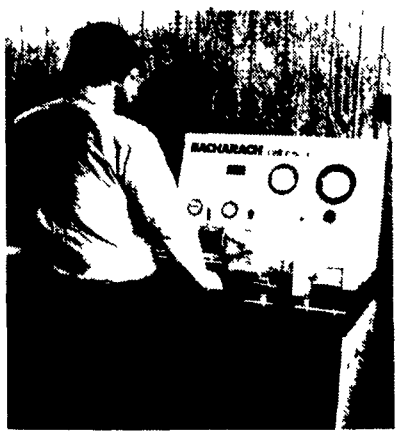

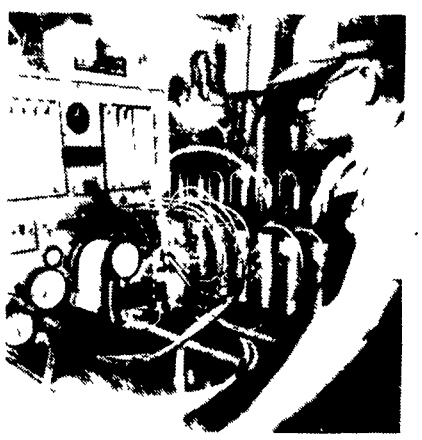

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[illegible] years away

KALAMAZOO, Mich. — Recent revolutionary breakthroughs in genetic engineering technology hold promise for the development of "new-generation" vaccines that may control a variety of tough diseases in poultry and animals.

But major, significant developments to agriculture, using these new techniques, could be years away.

This assessment comes from J.R. Welser, vice president and director, agricultural research, for The Upjohn Company. Welser made his comments in a recent speech to the Mississippi Poultry Association.

Welser said that new technological discoveries now make it potentially possible to "design" specific proteins in the laboratory for development into vaccines.

Called "sub-unit' vaccines, Welser said they hold promise for potential control of many tough diseases, such as Marek's in poultry, foot and mouth in cattle, pseudorabies in swine, and possibly even Herpes in humans.

In developing sub-unit vaccines, Welser said researchers rearrange selective pieces of the problem virus in the laboratory.

"By taking only a piece of the virus, and skillfully rearranging its molecules, genetic engineers can develop a vaccine that fools the animal's body into thinking that the entire live virus has been injected into its system," Welser explained.

"This will cause the animal to produce antibodies to the virus," he added. "Yet, since the vaccine does not contain actual real viruses, the animal will not be given the disease or become a carrier as a result of the vaccination."

He said this type of genetic engineering technology could also lead to other remarkable new developments in agriculture, including growth hormones, specially designed bacteria to assist ruminants in the digestive breakdown of cellular feedstuffs, improved diagnostic technology, and monoclonal plant breeding systems, among others.

At the Asgrow Seed Company, for example...an Upjohn subsidiary...Welser said research was already using somatic cell hybridization, pollen culture, meristem culture and other tissue culture techniques in the development of disease resistance in certain agronomic and vegetable crops.

And Upjohn ag researchers have joined forces with the company's human medicine researchers to begin research studies in a wide variety of genetic engineering areas, he said.

While Welser agreed that this new technology holds great promise for revolutionary changes in both animal and human science, he cautions that most of these discoveries will be a long time in coming.

"Many current stories about this technology make it seem as if the revolution in high technology is already upon us, and that we'll soon solve all the world's agricultural and food problems," he stated.

"Basically, this just isn't true," he added. "We have just barely scratched the surface in these new high technology research areas. And the payoff and benefits are years, even decades, down the road.

"Scientific discoveries in agriculture that are truly of the breakthrough type, take many years to fully develop," he added.

He pointed out that area of genetic research that involve more than one genetic characteristic are the most difficult of all to develop.

"For example," Welser said, "one of the most popularly discussed items in genetic engineering has been speculation that we can develop a corn plant that will fix its own nitrogen.

"Also, there's been speculation that soybean yields can be doubled or tripled with genetic engineering techniques."

He pointed out that: "In theory, all of these things are potentially possible. But, such things as rate of gain, crop yields, crossing of different types of plant species, and so on, are all multi-genetic challenges.

"This kind of genetic engineering is at least 10 years on the horizon, and possibly as many as 50 years."

However, Welser said that he believes agriculture is currently entering its "most exciting era imaginable," and that the next 50 years will see "phenomenal" change and new development.

But, he cautioned that while these new breakthroughs will solve some of agriculture's problems, technology will, in some cases, create new sets of problems that will, in turn, need to be solved.

He explained that recent new technological developments have allowed U.S. crop and livestock productivity to skyrocket.

But he said this dramatic increase in productivity has permitted us to ignore serious problems in agriculture, including depletion of water supplies and dramatically increasing soil erosion problems.

"New technology is extremely valuable, even critical, to the poultry industry and agriculture," he concluded. But, it must always be put into its proper perspective.

"New technology is not a crutch which we can always rely on to solve our every problem."

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2 mi east of Hanover on Rt. 116 then before crossing Railroad track, turn south at Trico Food and go 1 2/10 mi to 1st farm on left Philip J Dutterer, Owner Clair R Slaybaugh, Auctioneer

SAT JAN 7 1 30 PM Public Auction of State Graded Pigs Located at Carlisle Livestock Market, Inc , Exit 12, off I-81

SAT JAN 7 10 AM Public Auction of A C 5040 Diesel Tractor, Lawn Mower & Maintenance Equipment, Dodge 4 Whl Drive Pickup w/plow, and 1965 Ford Mustang Located in the Fogelsville Auction Center Bldg S Nursery St , Fogelsville, PA, 1 block West of Shankweiler's Hotel (Just 2 blocks NW of Rt 22 between Allentown & Hamburg) Ralph W Zettlemoyer, Auctioneer

MON & TUES JAN 9-10 - PA All Breed Bred Gilt Sale Located at Farm Show Building, small arena, Harrisburg, PA Sponsored by PA Co-OP Swine Breeders Assn Harry Bachman, Auctioneer

TUES JAN 10 10 AM Public Auction of Industrial Equipment Located at 1207 Ridge Pike, Norristown, oppos Carriage Trade Auto Auction 1 mile E of Norristown Phila Air Transport, Owners Clay C Hess and Richard J Moyer, Auctioneers

TUES JAN 10 5 30 PM Farmersville Auction in Farmersville, 3 mi East of Brownstown, Lancaster County, Pa John J Rutt, Auctioneers

TUES JAN 10 1 PM Public Auction of 117 Acres, 80 Tillable Located overlooking Susquehanna near head of Chesapeake Bay, I-95 junction 5 miles Information 301-658-5520 Alex Cooper, Auctioneer

FRI JAN 13 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

SAT JAN 14 2 PM Public Auction of Farmette Located at the corner of N Main St , Reamstown and Lausch Rd Aaron M and Nancy S Nolt, Owners Sanford G Leaman, Auctioneer

SAT JAN 14 - 2 PM Public Auction of Real Estate Located on Rt 322, 2 miles west of Brickerville, Turn left onto Speedwell Forge Rd , second road, turn right onto Dead End Rd , 1 mile on left Donald & Kathryn Nolt, Owner John D Kilmer & Donald L Kilmer, Auctioneers

SAT JAN 14 - 10 AM Public Auction of Traction Steam Engines, Threshers 100' of parts, Literature, etc Located at the decedent residence, located 7 miles East of Gettysburg or 3 miles West of New Oxford on Route 30 thence turning North onto Swift Run Road, ½ mile in Adams County, PA Russell Samuel Osborn, Owner Clair R Slaybaugh, Auctioneer

SAT JAN 14 10 AM Public Auction of Antiques - Primitives and Oak Furniture Located at Troxelville Antiques, Troxelville, PA Joe Herman, Owner Mark J Jones & Dale L Longacre, Auctioneers .

THURS JAN 19 - 11 AM Public Auction of Tractors, Farm Machinery, Trucks, and Misc items Located on Payne Road, 1 mile northeast of Preston, MD Signs will be posted Mr & Mrs Thomas Cheezum, Owners Chester Lee Carroll and Harry Barrett, Auctioneers

THURS JAN 19 - 1 PM Public Auction of Valuable Antiques, Collectibles and Personal Property Located at Springetts Fire Co Social Hall, 3013 East Market St , York, PA Doloris Griffin, Owner Jacob A Gilbert, Auctioneer

THURS JAN 19 & FRI JAN 20 & SAT JAN 21 9 AM Public Auction of Antiques Located indoors at the Carnival Grounds just off Rt 73 between Reading and Boyertown in Oley, Berks County, PA Ethel Smith Guldin & T Burr Charles, Owners David S Allgyer, Auctioneer

FRI JAN 20 9 30 AM Public Auction of 5 Head Horses, 40 Head Holsteins and a Good Line Farm Machinery Located in Centre Co , 4 mi east of Aaronsburg, PA on Rt 45, turn south on Fiedler Rd Mr and Mrs Jacob Hershberger, Owners Mark Glick, Auctioneer

FRI JAN 20 - 10 A.M Horse Sale at New Holland Sales Stables, Inc. 12 miles east of Lancaster off Rt 23 in New Holland, Pa Abe Diffenbach, Manager

SAT JAN 21 - 10 AM Public Auction of Livestock and Farm Equipment Located 4 mi south of Quarryville, 1 mi east of Rt 222 along St Catherine Rd , East Drumore, Twp , Lanc Co , PA Christ S Stoltzfus, Owner Diffenbach's Auctioneers

SAT JAN 21 1 PM Public Auction of Real Estate Located at 38 N Decatur in village of Strasburg Sarah and Lydia King, Owners Steve Petersheim, Auctioneer

SAT JAN 21 - 10 30 AM Public Auction of School House and Ground Located at Beaver & Lee St , Hellam Boro, York County Blaine N Rentzel, Auctioneer

SAT JAN 21 9 30 AM Public Auction of Livestock and Farm Equipment Located 3 mi south of Quarryville, 1 mi east of Rt 222 along St Catherine Rd , East Drumore, Twp , Lanc Co , PA Sale by Christ F & Mary Stoltzfus, Owners Diffenbach's Auctioneers

THURS JAN 26 - 1 PM Public Auction of Antiques, Coins, Collectibles, and Personal Property Located at Springetts Fire Co Social Hall, 3013 East Market St , York, PA Georgianna Throne, Owner Jacob A Gilbert, Auctioneer

FRI JAN 27 1 30 PM Dairy Sale Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan, Auctioneers

FRI JAN 27 10 AM Public Auction of Antiques, Coins, Collectibles, and Personal Property Located at Springetts Fire Co Social Hall, 3013 East Market St , York, PA Georgianna Throne, Owner Jacob A Gilbert, Auctioneer

SAT JAN 28 - 10 AM Public Auction of Horses Located at Keister's Middleburg Auction Sales, Inc , Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

FEBRUARY

THURS FEB 2 - Public Auction of Horse Drawn Farm Machinery, Draft Horses Located 1 mi north of Bird-in-Hand on North Ronks Rd Annie Stoltzfus, Owner Steve Petersheim, Auctioneer

FRI FEB 3 10 A M Horse Sale at New Holland Sales Stables, Inc 12 miles east of Lancaster off Rt 23 in New Holland, Pa Abe Diffenbach, Manager

FRI FEB 10 - 9 A M Public Sale of Farm Machinery at New Holland Sales Stables, Inc , 12 miles East of Lancaster of Rt 23 in New Holland, Pa Abe Diffenbach, Manager

SAT FEB 11 10 AM Public Auction of Livestock and Farm Equipment Located 3 mi southeast of Strasburg from Rt 896 Take Ivy Rd to Mt Pleasant Rd Sale Located 1 mi south of Route 896 along Mt Pleasant Rd Paradise Twp Lanc Co , Pa Benuel S & Annie Esh, Owners Diffenbach's Auctioneers

TUES FEB 14 9 AM Public Auction of Holstein Herd Dispersal, Mules and Farm Machinery Located on Rt 272 south of Lancaster, 6 mi turn east on Ship Rock Rd , ½ mi to farm, 6 mi north of the Buck, east on Ship Rock Rd Henry F Fisher, Owner Kreider and Kline, Auctioneers

LIQUIDATION AUCTION INDUSTRIAL EQUIPMENT

TUES., JAN. 10

10 A.M.

1207 Ridge Pike, Norristown, oppos. Carriage Trade Auto Auction. 1 mi E. of Norristown.

EQUIPMENT: Whitney Metal Tool Kick Press; 42" Whitney Jensen Power Shear, 3PH/60cy/220V Motor & Control; 3' set Pexto Rolls, S/N 4161, 14x15 ga. Cap.; Model P-2 Pullmax Nibbler, 32" throat, S/N 57100; Model 535 Pexto Ring & Circle Shear; 3' Pexto Foot Shear; Whitney Jensen Hand Punch: Marshalltown Circle Shear; Model 93A Pexto Apron hand Brake 43" cap.; Set Pexto Hand Rolls, 2' diam, 32" cap.; Model R-2 Weidemann Turret Punch, 14" throat; 10 KVA Esler Spot Welder, 12" throat, S/N 29974; Model 3 Johnson OBI Punch Press, 3PH/60cy/220V, S/N 648-3; 15 ton Niagara OBI Punch Press; 15 ton Ferracute back-wheel Punch Press; Model R4 HD Weidemann Turret Punch, 24" throat, 3PH/60 cy/220V, S/N 5825; Model V US vert. Milling Machine, floor model, power table, 10'x42", S/N 2161; Mod. 17-410 Delta 17" 2-spindle Drill Press, 3PH/60cy/220V; 10"x3½ Atlas Bench Lathe; Cinn. vert, bench mod. Milling mach,; Mod. 17-205 17" Delta Drill Press; Hardinge Precision Turret Lathe; 187AB South Bend backgeared Toolroom Lathe; 14" Delta 2-spindle Drill Press; 117-C 16x6 South Bend under motor Lathe Collets, Collet attach., chucks S/N 77634; Delta Surface Grinder (toolmaker model) 5x10 Mag. Chuck 1PH/60cy/110V.

MISC. 100 new small motors, many 1/3 hp; brass & steel fittings & gears, C clamps, elec. drills & sanders, taps & dies, plastic welder, 2 air comps., 15 gal. paint, bag trucks, plastic rods & tubing, 22 54x94 sheets ABS plastic, brass & copper pipe, large quan. machine tools, acct. torches & tanks, 100 steel buckets, shipping cases, bench sander & drill press. lockers, 10 in. table saw, paint booth, sork tables, etc. **OFFICE EQUIP.;** 3 office desks, Blueprint file, 34 file cabs., 2 fire proof cabs., 50 camera lenses 1977 & 79 Thomas Registry, etc., etc. Inspection Jan. 9, 10 to 4. Bldg. to be demolished. Send for illus. brochure.

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28 Mayfield St., Dover, Pa 17315
Phone 717-292-3406

★ See You At The Farm Show - Booth #442 ★

Public Auction Register

Closing Date Monday, 5 00 P M
of each week's publication

SAT FEB 11 9 30 AM Public Auction of Horse Drawn Farm Machinery, Horses and Harness Located 1 mi north of Strasburg on Herr Rd David King, Owner Steve Petersheim, Auctioneer

SAT FEB 11 10 AM Public Auction Located 4 mi southeast of Strasburg along Road from Ivy to Mt Pleasant Mennonite Church, Lanc Co, PA Benuel S Esh Owner Diffenbach's Auctioneers

SAT FEB 11 9 30 AM Absolute Public Auction of Farm Machinery located along Cedar Mill Road, approximately 2 miles South of Ephrata, Pa Take Rt 322 south of Ephrata to Cabin Road to farm Auction for Amos W and Emma M Zimmerman, Auction conducted by J Omar Landis Auction Service, Ephrata, Pa

THURS FEB 16 Public Auction of Farm Equipment, Household Goods and Livestock Located 2 mi northwest of New Holland, turn off of Rt 23 on N Shirk Rd at Goods Furniture, 1st road left on Amishtown Rd Lanc Co, PA Emanuel S Lapp, Owner Robert E Martin and Son 656-7770, and Frank L Steller Auctioneers

FRI FEB 17 Public Auction of Farm Equipment, Household Goods and Livestock Located along Rt 30, between Kinzers and Gap, Lanc Co PA Amos Yoder, Owner Robert E Martin and Son 656-7770 and Frank L Steller, Auctioneers

FRI FEB 17 10 A M Horse Sale at New Holland Sales Stables, Inc 12 miles east of Lancaster off Rt 23 in New Holland, Pa Abe Diffenbach, Manager

FRI FEB 17 9 30 AM Public Auction of 50 Head Holsteins, Dairy Equipment and Farm Machinery Located in Mifflin County, 5 miles Northeast of Belleville, PA on the back Mt road Mr & Mrs Jesse L Hostetler, Owners, Mark Glick, Auctioneer

SAT FEB 18 9 30 AM Public Auction of Draft Horse, Mules, Drivers and Meat Horses Located at the Belleville Livestock Market Mark Glick, Auctioneer

SAT FEB 18 Auction of horse drawn farm implements and tools Located 2 miles northwest of White Horse alone Meadville Road in Salsbury Township, Lancaster Co PA Enos King, Owner LeRoy S and Paul W Horst, Auctioneers

SAT FEB 18 10 AM Public Sale of Livestock, and Farm Equipment located 10 miles southeast of Strasburg, 1½ miles south of Nine Points, ½ mile east of Route 896, along Bartville Rd, Sadsbury Twp, Lancaster Co, Pa Sale by John S Kauffman, Owner Diffenbach's Auctioneers

TUES FEB 21 10 AM Public Auction of Farm Equipment and Parts located 3 miles north west of Morgantown Sale by Ed Hurst and Ivan Hoover Elvin Horning Auctioneer

FRI FEB 24 9 AM Public Auction of Antique Tractors and Engines, New Used and Abused Farm Equipment, New Tools and Fruit Located 10 mi east of Lancaster, 2½ mi west of New Holland, turn off Rt 23 on S Groffdale Rd, turn left on Musser School Rd, Lanc Co PA Elias S Beiler, Owner Robert E Martin and Son 656 7770, Frank L Steller and Blaine Rentzel, Auctioneers

FRI FEB 24 1 30 PM Dairy Sale Located at Penns Valley Livestock Auction Centre Hall PA Scott L Yocum and Ron Gilligan, Auctioneers

FRI FEB 24 9 30 AM Public Auction of Farm Machinery, Dairy Equipment, Corn Hay, some Furniture and Antiques Located 1 mile East of Belleville, PA, turn off Rt 655 at Medical Center Louie E and Frona Yoder, Owner Mark Glick, Auctioneer

SAT FEB 25 CONSIGNMENT SALE Const Equip, Trucks, Trailers & Contractors Equip to be held at the property adjacent to the Ramada Inn off Rt 95 in Essington, Pa, just south of the Philadelphia Int'l Airport Vilsmeier Auction Co, Inc

SAT FEB 25 10 AM Public Auction of Livestock and Farm Equipment Located 1½ mi, southwest of Bartville off Farmdale Rd, Lanc Co, PA Henry S Stoltzfus, Owner Diffenbach's Auctioneers

SAT FEB 25 10 AM Public Auction of Horses Located at Keister's Middleburg Auction Sales, Inc Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

SAT February 25, 1984 9 AM Terms by Allan H & John W Brubaker Electrical supplies farm machinery, household goods, and tools Located ½ mile north of Hahnstown, Ephrata Township, Lancaster County Auctioneers Paul W & Leroy S Horst

SAT FEB 25 10 AM Public Auction of Horse Drawn Machinery, Draft Horses and Antique Furniture Located 7 mi east of Intercourse in village of White Horse Amos F Beiler, Owner

TUES FEB 28 9 30 A M Public Sale of farm machinery and tractors Located along Meadow Valley Road 1½ mile west of Ephrata By Edwin Horning and Sons Ralph Horst and Blaine Rentzel Auctioneers

WED FEB 29 9 30 AM Public Auction of Horse Drawn Farm Machinery, 22 Head Holstein Heifers from Stoltzfus Herd, 6 Work Horses Located 1 mi north of Gap Stephen U Stoltzfus Owner Steve Petersheim Auctioneer

MARCH

THURS MARCH 1 9 AM Public Auction of Dairy Cows and Farm Machinery Located on premises along Bowmansville Rd leading from Adamstown to Rt 625 from Bowmansville take Rt 625N under turnpike bridge, 2nd road left to T road turn left ½ mi to auction on right Clarence Weaver, Owner Randal V Kline, Lloyd Kreider and Roy Good, Jr, Auctioneers

THURS MARCH 1 9 30 AM Public Auction of Farm Machinery Household Items & Antiques Located off Rt 15, 5 miles South of Dillsburg at County Line Rd, Turn West 2nd farm on left or 3 mile North of York Springs Watch for Signs Mr & Mrs Marlin Pentz, Owners Blaine N Rentzel, Auctioneer

FRI MARCH 2 9 AM Public Auction of Farm Machinery Located at the Belleville Livestock Market

FRI MAR 2 10 A M Horse Sale at New Holland Sales Stables, Inc 12 miles east of Lancaster off Rt 23 in New Holland, Pa Abe Diffenbach, Manager

MARCH 2 and 3 FRI and SAT 10 00 AM 14th Annual 2 day consignment sale public auction Donald Scheese Farm located Cohansey Freisburg Road, Elmer NJ Accepting consignments up to March 1 Blaine Rentzel and Clyde Wolgemuth, Auctioneers

ABSOLUTE PUBLIC AUCTION
OF SCHOOL HOUSE & GROUND
SATURDAY, JANUARY 21, 1984
10:30 A.M.

Located at Beaver & Lee St., Hellam Boro, York County.

Eastern York School Dist., will sell at Absolute Public Sale on Jan 21, 1984 10:30 A.M a portion of the Hellam Elementary School property situated at Beaver & Lee St., Hellam Boro, York Co., Pa. (as is).

(1) Lot Size - 284.13 ft. along Beaver St., Depth of 155.52 ft. along tennis court on east side, 140.00 ft. on west side & rear width of 287.83, containing 0.997 acres.

(2) Located on this lot is a block & brick school building w/large classrooms & office areas, mens & womens lavatories, boiler room, some rooms are panelled, hardwood floors & carpet, septic system, blacktop drive way and parking lot, side walks & shade trees. "Property being sold in as is condition".

(3) Terms & Conditions of Sale.

A. Buyer must pay 10% down sale day with Cash or approved check, Balance in 90 days.

B. Section D of Condition of Sale: Building, zoning & subdivision restrictions, ordinances, statutes and/or regulations, adopted by the Hallam Borough, York County, the Commonwealth of Pa., or other governmental authority having jurisdiction. In this regard, it is understood that subdivision approval will have to be obtained from the appropriate officials of Hallam Borough, which approval must be obtained by and at the expense of the bidder Bidder shall pursue such subdivision approval, in a prompt and diligent manner, and the District shall cooperate with the Bidder in this regard

C (Being Sold as is)

For Inspection of Real Estate Ph Auctioneer at 717-764-6412 - Daytime or 717-266-1671 Evenings

Auctioneer: Blaine N. Rentzel
Emigsville, Pa.
764-6412

FARMERSVILLE AUCTION
TUESDAY, JANUARY 10, 1984
5:30 P.M.

In Farmersville, 3 mi. east of Brownstown, Lanc. Co., Pa.

GENERAL HOUSEHOLD GOODS

WE SELLON COMMISSION.

CALL **JOHN J. RUTT**
354-5095

PUBLIC SALE
SAT., JANUARY 21, 1984
9:30 A.M.

Located 3 miles south of Quarryville, Route 222, So. of Quarryville, left on Blackburn Rd., right on St. Catherine Rd. to sale, East Drumore Twp., Lanc. Co., Pa.

LIVESTOCK
66 head of Holstein Dairy Cattle

42 mature Holstein Dairy cows. Many recently fresh, 10 more due by day of sale. Several close springers. Balance in all stages of lactation. Several registered. Two registered bulls, eight bred heifers. Fourteen heifers from 6 weeks old to breeding age.

Over half of herd trace back to Pawnee Farm Arlinda Chief and Round Oak Rag Apple Elevation.

Records up to 20,000 lb. of milk and 800 fat. Herd ave. better than 50 lb. per day. On Owner-Sampler Plan

10 head of horses. 1 pair bay horses, 3 brown horses; 1 black horse. 4 of the above are mares. All good workers and sound. 1 driving horse. One-half Morgan stallion, coming 2 yr. old. Three yearling colts.

FARM EQUIPMENT

Case "930" tractor, overhauled, with pulley and hand clutch; New Holland "275" baler with 2 cyclinder engine and Mellinger applicator; Papec ensilage cutter; John Deere #4 7' grass mower with Lumberdina diesel and hydraulic; New Idea "323" one-row corn picker with Wisconsin 4 cylcinder VP engine.

New Idea crimper-crusher; McD corn binder, with loader; E-Z turn & New Holland steel wheel wagon with 16' & 18' beds; New Holland 56 side rake; Little Giant elevator with hydraulic unit.

Pequea manure spreader; John Deere K.B.A. 24 disc harrow; John Deere plateless corn planter.

Hershey 200 gallon field sprayer; Nichleson hay tedder; plow packer; McD riding cultivator; spike harrow; two fore trucks; dirt scoop; barn yard scraper.

3000 tobacco lath; two calf hutches; platform scales; heavy duty bag wagon; pulleys; 6" & 7" endless belts

8', 10', 12' steel gates; seven sets of front gears; collars; bridles; jockey sticks; 1 set wagon harness; check lines; 1, 2, 3, 4, 5, 6 horse hitches.

Two round hay racks; wheelbarrow; Stihl fogger; air pump; bolt cabinet; bolts; log chains; tobacco shears & spears; socket set; fence stretcher; electric fence wire; wheel puller; grease guns; 22 rifle; hand tools; forks; shovels.

GRAIN & ENSILAGE

Corn ensilage from 14'x60' & 12'x40' silos, both are half full. Approximately 400 bu. ear corn by the ton.

DAIRYING EQUIPMENT

Milkkeeper 600 gallon bulk tank; six unit Surge Alamo vacuum pump; 75' of vacuum line with Westfalia gauge; four DeLaval milking units, one extra large pail; Sputnik; automatic milker washer; milk tank recorder; stainless twin tubs, stainless single tub; stainless strainers & buckets, Sunbeam clippers, ensilage & feed carts, small lime spreader, electric fencers, gas water heater, and many other articles

Owners
CHRIST F. &
MARY S. STOLTZFUS

Sale at 9:30 A.M.
Diffenbach's Aucts.
Lunch Available

ABSOLUTE PUBLIC AUCTION
OF FARM MACHINERY
SAT., FEBRUARY 11, 1984
9:30 A.M.

Located along Cedar Mill Road, approximately 2 miles South of Ephrata, Pa. Take Rt. 322 south of Ephrata to Cabin Road to farm. Watch for arrows. Full listing to appear later.

This auction consists of a complete line of John Deere Equipment and Uni System plus much more.

Auction for
AMOS W. &
EMMA M. ZIMMERMAN

Auction conducted by
J. Omar Landis Auction Service
Box 501, Ephrata, Pa. 17522
717-733-7917 or 627-0789

Carroll's Sales Co., Inc.

PUBLIC AUCTION
OF
TRACTORS, FARM MACHINERY, TRUCKS

Reducing my operation, I will offer at public auction, the following equipment located on Payne Road, 1 mile northeast of Preston, Md. Signs wil be posted.

THURSDAY, JAN. 19, 1984
at 11 O'Clock

TRACTORS - COMBINES

7700 J. Deere Combine w/16' Floating Head
8430 J. Deere 4 Wheel Drive Tractor
4430 J. Deere Tractor, Diesel
4020 J. Deere Tractor, Diesel
IHC Tractor
#444 J. Deere 4 Row Corn Head
20' J. Deere Grain Table w/Heikein Floating Bar.

FARM MACHINERY

J. Deere Plows 6 - 16" on Land, J. Deere Plows 7 - 18" on Land, J. Deere Plows 5 - 16", J. Deere #230 25' Folding Disc, J. Deere #210 - 15' Wheel Disc, MF 20' Offset Disc, Dunham 25' Folding Cultipacker, Dunham 16' Transport Cultipacker, 8300 J. Deere Grain Drill 21 Tine, 7000 J. Deere 8 Row Corn Planter 36" Rows, 8 Row J. Deere S-Tine Culti., Cart for 8 Row Planter, 2 J. Deere #54 PTO Manure Spreaders, 2 J. Deere N-PTO Spreaders, IHD 15' Chisel Plow w/Rake, Chem-Farm Tractor Mounted Spray Tanks & ACC, J. Deere Elevator w/gas Motor, John Blue Sprayer 30' Boom Single Piston 4000 Pump, #155 J. Deere 9' Blade, #709 - 7' J. Deere Rotary Cutter, Hardee Cutter 6' Cut, J. Deere 4 Row #71 Planter Units, Webster Fert. Tender, Willmar Fert. Spinner, N.H. Funnel Wagon w/Running Gear, 3 Flat Bed Wagons.

TRUCKS

1976 Chev PU, 1/2 Ton Heavy - A.S.B.
1973 Chev Farm Truck, 16' Body
1966 Chev Farm Truck, 16' Body, Dump
1966 Chev Farm Truck
1952 GMC Truck

MISC.

Gas Tanks, Cylinders, Transfer Pumps, Lot Accessories for Tractors, In Ground Scale. Many articles too numerous to mention.

TERMS: Cash

AUCTIONEER NOTE: All this machinery is in first class shape, ready to go in field.

Not responsible for Accidents

OWNERS
MR. & MRS. THOMAS CHEEZUM
Preston, Md.

Also selling for CHUCK WOODWARD

1974 GMC Single Axle Tractor (new Motor); 35' Trailer w/grain sides and cover; 1978 Ford CL 30 Skid Steer Loader w/2 buckets; 1978 2 Axle Flat Bed Trailer 14'; 15' J. Deere Field Cultivator

AUCTIONEERS
Chester Lee Carroll - Phone - 302-284-4041
Harry Barrett

Lunch Served

Public Auction Register

Closing Date Monday, 5 00 P M
of each week's publication

FRI APR 27 6 PM Public Auction of 250-300 Head Heifers, all sizes, Springing, Bred and Open Heifers, some registered Located at the Belleville Livestock Market

SAT MARCH 3 - 20th Annual Bart Twp Fire Co Located in Georgetown, on Rt 896, 7 mi south of Strasburg Larry LeFever, Auctioneers

SAT MAR. 3 - 10 00 AM Horse Sale Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan, Auctioneers

TUES MARCH 6 - 10 AM Public Auction of Full Line of Farm Machinery, Hay and Straw Located 1 mi south of New Holland off of Rt 23, between Kinzer Ave and Brimmer Ave Ray and Linda Geissinger, Owners Jeffrey R and Robert E Martin, Auctioneers

TUES MARCH 6 9 30 AM Public Auction of Farm Machinery, Butchering Tools, Furniture and Antiques Located in Centre County, 7 miles East of Pleasant Gap (Bellefonte), PA, on Route 64 Clarence Korman, Owner Mark Glick, Auctioneer

THURS MAR 8 - 10 30 A M Public Auction PA World Relief Heifer Sale 100 Head Located at the Guernsey Sales Pavilion along Rt 30 Wilmer Kraybill, Manager

FRI MAR 9 9 A M Public Sale of Farm Machinery at New Holland Sales Stables, Inc 12 miles east of Lancaster off Rt 23 in New Holland, Pa Abe Diffenbach, Manager

FRI MARCH 9 9 AM Public Auction of Machinery Located at Keister's Middleburg Auction Sales, Inc, Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

SAT MARCH 10 - 9 AM Public Auction of 54 Head Holsteins, Dairy Equipment and Farm Machinery Located in Centre County, at the East end of Aaronsburg, PA, along Route 45 Malvin & Pauline Ream, Owners Mark Glick, Auctioneer

SAT MARCH 10 Public Auction of Farm Equipment, Household Goods, etc Located approx 2 miles east of Myerstown between Richland and Millardsville, Lebanon Co Lloyd M Martin, Owner Weik & Witmer, Auctioneers

SAT MARCH 10 8 30 AM 16th Annual Gordonville Fire Co Spring Sale Public Auction of Machinery, Livestock, Antiques, and Quilts Located 10 miles East of Lancaster off of Rt 30 on Old Leacock Rd at the Gordonville Fire Hall Ron Funk & Local, Auctioneers

TUES MARCH 13 9 AM Public Auction of Farm Machinery, Farmall Tractors, 20 Head of Heifers and Antiques Located 2 mi east of Intercourse on 340 John L Zook Owner Steve Petersheim, Auctioneer

FRI MARCH 16 Public Auction of Full Line of Farm Machinery Located at RD 1, Blain, Perry Co, PA James Koser, Owner Kling's Auction Service

FRI MARCH 16 5 P M Public Auction of 65 Tractors and Trucks, Material, Small Items and Tools, Etc Located at the Kempton Community Center

FRI MARCH 16 6 30 PM Public Auction of Feeder Cattle and Feeder Pigs Located at Keister's Middleburg Auction Sales, Inc, Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

FRI MARCH 16 - Public Auction of Farm Equipment, Antiques and Household Goods Located along Red Run Rd, 2 mi northwest of Terre Hill, near the Red Run Campground Lloyd H Martin, Owner Nevin Martin, Paul Horst and Lowell Horst, Auctioneers

SAT MARCH 17 - 9 30 AM Public Auction of Farm Equipment, Household Goods and Antiques Located between East Petersburg and Manheim, turn off of Rt 72 on West Auction Rd, 1st crossroad left Titus M, Mary H, Eugene N and Donna J Nolt, Owners Robert E and Jeffrey R Martin 656-7770, Auctioneers

SAT MARCH 17 - Public Auction of Farm Machinery and Misc Items Located at RD, Mechanicsburg, Cumberland Co, PA Robert Eppley, Owner, Kling's Auction Service

SAT MARCH 17 - 9 A M Public Auction of Farm Equipment, Tools and Small Items Located at the Kempton Community Center 12 Auctioneers

SAT MARCH 17 9 30 AM Public Auction of Farm Machinery and Antiques Located at Chester Wilson Farm, approx 4 mi south of Strasburg, PA off Rt 896, take May Post Office Rd south to Weaver Rd to Winter Hill Rd Chester and Anna Wilson, Owners Ron Funk Auctions

SAT MARCH 17 - 9 AM Public Auction of 160 Acre Farm, Machinery, Dairy Equipment, Shop Tools and some Household Located in Mifflin Co, 4 miles NE of Milroy, PA, or 1 mile North of Siglerville, PA Mrs Elder Goss, Owner Mark Glick, Auctioneer

GAP AUCTION

FRIDAY EVE., JAN. 13
5:30 P.M.

Located off Route 41 - Lancaster Avenue Opposite Turkey Hill Minit Market - Cross RR Bridge

ANTIQUES AND HOUSEHOLD GOODS SOLD AT EVERY AUCTION

CONSIGNMENTS ON MONDAYS FROM 8:00 A.M. to 7:00 P.M.

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IRA STOLTZFUS & SON, Auctioneers

442-4936 or 442-8254

CONDUCTORS ALL TYPES PUBLIC SALES

PIGS

"STATE GRADED"
FRI., JAN. 13
1:30 P.M.
GRADING
8:00 A.M.-12 NOON
CARLISLE
LIVESTOCK
MARKET, INC.
Exit 12 Off I-81
(717) 249-4511 or
Evenings Jim, 249-2359

PUBLIC SALE

VALUABLE REAL ESTATE

FRI. FEBRUARY 10, 1984
1:00 P.M.

Located 10 miles east of Gap, ½ mile south of Rt. 30 along Mt. Vernon Road.

10 Acre Farmette

Improvements thereon consist of 4 bedroom 2½ story house, large kitchen w/joining flower room, built in planter, cathedral ceiling, living room w/stone fireplace - Ashley insert, large storage room or bedroom, partial bath. 2nd floor has 4 bedrooms & full bath. Basement has large family room, oil fired furnace, hot water baseboard heat, barn w/horse stalls, large workshop, 3 acre pasture w/stream, 3 existing springs, never failing spring water piped to house and barn, new sewage system within the year.

Make arrangements to see this well kept place prior to sale day. Call for an appointment: 717-442-8741 or 717-786-4624.

10% down sale day -
Final settlement 60 days

Auctioneer's Note: This is an opportunity to buy a property in A-1 condition in a friendly community.

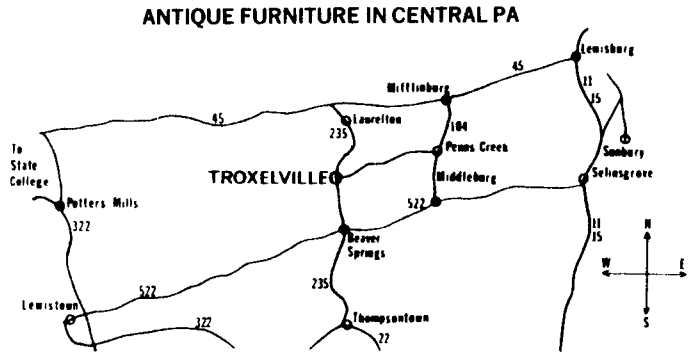
Owners:
MOSE & NANCY FISHER

Auctioneer:
Steve Petersheim:
717-786-4624

ANTIQUE AUCTION

SATURDAY, JANUARY 14, 1984
at 10:00 A.M.
To Be Held At Troxelville Antiques
Troxelville, PA.

THE LARGEST SELECTION OF
ANTIQUE FURNITURE IN CENTRAL PA



TROXELVILLE ANTIQUES
Phone (717)658-7141

We Will Be Selling Primitives & Oak Furniture From 2 Different Buildings At The Same Time

— PRIMITIVES & SMALL ITEMS —

Dutch Cupboard; Dry Sinks; Blanket Chests; Corner Cupboards; One-Drawer Night Stand; Plank-Bottom Chairs; Jelly Cupboards; Drop-Leaf Tables; Fruit Cupboards; Benches; Cupboard Tops and Bases; Crocks and Jugs (some decorated); Blue Granite Ware; Quilts; Picture Frames; Baskets; Tiffany Type Domes and Table Lamps; Plank-Bottom Rockers; Butter Churns; Dough Boxes; Tool Chest; Child's Rockers; Wood Boxes; Flour Chests; Trunks; Floor Lamps; Rugs; Wooden Barrels; Chandelier Lights; Wheelbarrows; Copper Wash Boilers; Iron and Tin Trucks; Other Old Toys; Small Iron Kettles; Wash Bowl and Pitcher Sets; Showcase; Tea Kettles; Coffee Pots; Guns; Old Hand Tools; Flat Irons; Scales; Pitcher Pump; Butter Molds; Figurines; Coffee Grinders; Red Ware Crocks; Spinning Wheel; Flow-Blue Dishes; Pressed Glass; Benington Ware; Carnival Glass; Sponge Ware; Post Cards; Depression Glass; Iron Banks; Oil Lamps; Lanterns; Dinner Bell; Apple Butter Kettle; New Handmade Oriental Rugs; Plus Many More Items Of Interest.

— OAK & MISCELLANEOUS FURNITURE —

We will be selling the following OAK FURNITURE: Bedroom Suites; Stacked Section Bookcases; Bookcase and Desk Combinations; Sideboards; Buffets; Chest of Drawers; China Cabinets, Square and Bow Front; Ladies Desks; Roll Top Desks; Flat Top Desks; Beds; Dressers; Wash Stands; Hall Racks; Ice Boxes; Hoosier Type Kitchen Cabinets; Wardrobes; Cupboards; Round and Square Tables; Library Tables; Stands; Medicine Cabinets; Filing Cabinets; Set of Pressed Back Chairs; Odd Chairs; Rockers; Showcases; Plus More.

1930 Bedroom Suites; Decorated Bedroom Suites; Piano Stools; Wicker Chairs- Rockers- Couches; Organ Stools; Brass Beds; Brass Andiron Beds; Brass Hall Tree; Floor Lights; Round and Flat Top Trunks; Mirrors; Some Walnut Furniture; New Corner Cupboards; Leaded Glass Windows; Drop-Leaf Tables; Love Seat Sets; 1930 Dining Room Suites; Cook Stoves; Plus Many More Numerous Items.

IF YOU NEED ANTIQUES IN VOLUME PLAN TO ATTEND THIS SALE

The public and dealers are welcome. No buyers fee at this auction.

TERMS: Cash, Travelers Checks or Certified Checks. No out of state checks except those having an established account with owner or auctioneer.

Owner: **JOE HERMAN**
(717) 658-7141

AUCTIONEERS: Mark J. Jones
Dale L. Longacre

SALE HELD INDOORS — CHAIRS FURNISHED
LUNCH SERVED

STONEHURST FARM INC.

HORSES & MULES FOR SALE

75 HEAD IN OUR STABLE!

(Transportation)
Call us and ask when the van will be in your area to pick up Amish — We will be in your area once a week.

PRIVATE SALE Everyday

We Have Service Age Bulls From Top Record Dams

Heifers & Cows Due Soon

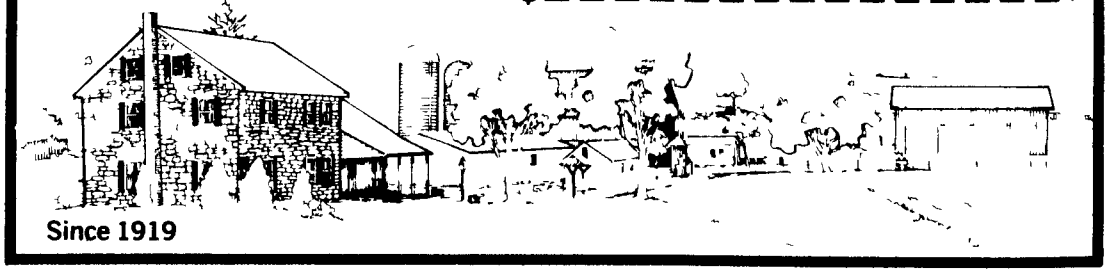
CALL US NOW FOR YOUR NEEDS

PRIVATE SALE Everyday

Donald & Harold Welk
Stonehurst Farm, Inc.
Box 116 Lime Valley Road
Strasburg, PA 17579
717-687-7475
717-464-2273

Coupon
$50.00
Good Toward Private Sales Only — Jan.-Feb. 1984

Bring this coupon to the farm. After you buy we will give you $50.00 off your bill on every 2 head of what ever you buy.
$25.00 off on one —
Clip Coupon Now!



Since 1919

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

TUES MARCH 20 10 AM Public Auction of Horse Drawn Farm Machinery, Horse, Mules and Heifers Located ¾ mi west of Gap along 741 Levi E and Mary Fisher, Owners Steve Petersheim Auc tioneer

THURS MARCH 22 Farm Machinery Consign ment Auction Located at RD 1, Landisburg, Perry Co PA Kling's Auction Service

FRI MARCH 23 7 PM and SAT MARCH 24 9 30 AM Public Auction of Farm Toys Located at Historic Strasburg Inn Second Annual Lancaster Farm Toy Auction Sale and Show

FRI MAR 23 10 A M Horse Sale at New Holland Sales Stables, Inc 12 miles east of Lancaster off Rt 23 in New Holland, Pa Abe Diffen bach, Manager

FRI MAR 23 1 30 PM Dairy Sale Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan, Auctioneers

THURS MARCH 29 9 AM Public Auction of An nual Spring Machinery and Tools Located in Cen tre Co , at the West side of Rebersburg, PA Mel Stoltzfus, Owner Glick, Gibboney, Gilligan and Martin, Auctioneers

SAT MAR 31 9 A M CONSIGNMENT SALE Const Equip , Trucks, Trailers & Contrs Equip to be held at Wall Stadium property, located on Rt 34 in Wall Township (Belmar/Manasquan area), N J Vilsmeier Auc tion Co Inc

SAT MARCH 31 Public Auction of Farm Machinery and Misc Items Located at RD 1, Newport, Perry Co , PA Kenneth Schreiber Owner Kling's Auction Service

SAT MARCH 31 10 AM Public Auction of Horses Located at Keister's Mid dleburg Auction Sales, Inc , Rt 555, 3 mi east of Middleburg, PA 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

SAT MARCH 31, 1983 10 AM Public Auction of farm equipment, tools, furniture, ear corn, hay and numerous small items Located 1 mile southeast of Reamstown on Steffy Rd Elam W Nolt, owner Nolt & Witmer Auctioneers

SAT MAR 31 9 00 AM Consignment Sale Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan Auc tioneers

APRIL

FRI APRIL 6 9 A M Public Sale of Farm Machinery at New Holland Sales Stables, Inc 12 miles east of Lancaster off Rt 23 in New Holland, Pa Abe Diffenbach, Manager

SAT APR 7 Public Auction of Full Line of Farm Machinery plus Holstein Heifers Located at RD 1, Landisburg, Perry Co , PA Jay C Mc Coy, Owner Kling's Auc tion Service

SAT APR 7 10 AM Public Auction of Farm Machinery, Antique Fur niture Dishes and Tools Located 3 mi north of Cochranville, PA, just off Rt 10 on Martin Rd Mrs Florence Martin, Owner Steve Petersheim, Auc tioneer

TUES APR 10 7 30 PM Easter Lamb & Goats Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan, Auc tioneers

WED APRIL 11 3 PM Public Auction of Lamb and Goats Located at the Belleville Livestock Market, Belleville, PA B L Market, Owners, Mark Glick, Auctioneer

THURS APR 12 10 AM Public Auction of Rabbits 11 AM Public Auction of Lamb and Goat Kids Located at Keister's Middleburg Auction Sales, Inc , Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long, and Dave Imes, Auctioneers

FRI APRIL 13 7 P M Horse Sale at New Holland Sales Stables, Inc 12 miles east of Lan caster off Rt 23 in New Holland, Pa Abe Diffen bach, Manager

SPECIAL HOLSTEIN DAIRY COW SALE FOR THE NEW YEAR

To be held at Smoketown Quality Dairy Sales Co. Smoketown, PA Rte. 340.

FRIDAY JAN. 13, 1984
12:30 P.M.

Five Springing heifers out of one herd - with a herd Avg. of 16,400m.
Grade Red & Wht. heifer - Born - 11-28-81
Grade - Born 11-81-Blk. & wht. - Sire Vigo Magnetize
DAM - Whitterfarms Apollo Rocket
305d. 15,581m. 3.5t. 549F.
I.D. Grade - Born - 10-81-Rosemere Fury Ivan
DAM - 305d. 19,812m. 3.8t. 761F.
I.D. Grade - Born 1-82 - Ridgeswood Hallmark
DAM - 305d. 16,933m. 582F.
I.D. Grade - Born - 9-81 - BrooksTwin Apollo King
DAM - 305d. 16,149m. 3.6t. 589F.
All Bred to Beef bred Bulls. Due within next 2 weeks.
Reg. Red & Wht. Holstein Heifers in Brattleboro Assoc. Born - 12-27-80.
Fresh milking 56 lbs. 3.8t. DAM proj. 4.4t
Sire - Mel-Del Fred Fenway - Red. DAM-Mel-Del Brad Jessie-Red
Reg. Holstein Heifer - Born 7-19-80 - milking 71 lbs.
Sire - Paragon Bootmaker - DAMS-records 16,816m.
545F. - DAM is an Optimist Daugh.
Reg. Holstein Heifer - Born 7-25-81 - milking 47 lbs
Sire - Thonyam East Star-Twin.
DAMS record - 15,889m 527F. - DAM-Tunnel-Hill Hercules Mandy
Seven Grade Holstein Cows and Heifers out of one herd. Six fresh through the month of Dec. ONE fresh end of Nov. milking 85 lbs. projected-18,443m. 556F. Records on others. - (66 lbs. projected 15,128m. 573F.)
(Fresh-7 days 65 lbs. Last year 18,000 lbs. projected 15,088m. 509 could be higher Sire-Boot Leg.) (62 lbs. 14,293m. 508F.)
(Heifer - fresh milking 62 lbs. 4.1T. - Sire Arlinda Penstar
DAMS record-305d. 18,523m. 3.9t. 725F.)
(Heifer - fresh milking 59 lbs. Avg. 3.8t. - Sire Betterway Marthon
DAM - 335d. 22,571m. 769F.)
1st calf heifer - fresh milking 55 lbs. - Bred too Wiseman
(Sire Power) - Sire - Betterway Milk Maker
DAM - 335d. 30,322m. 687F.
These heifers are dairy type and good fancy udders.
They were never pushed for high production.
ONE load of Reg. & Grade Cows & Heifers out of New England states. Consigned by Johnny Jr.
Reg. - 5yr. Sire Arbar Triune Challange - G.P.
Due now to Fazer Farm Bestway
Reg. 4 yr. - Sire - Ramson Rail Pacemaker due now to Strickler Ken Royal
Reg. 4yr. Sire - Lawcrest Marker due now to Teramis Convene Terry
Reg. 3 yr. Sire - Busy Acre Lindy Fr. 70 lbs.
Reg. 4yr. Sire - Marko Farms Matt Amos. Fr. 70 lbs.
Also top load of grade cows and heifers milking 60-85 lbs.

SPECIAL MENTION

Reg. Holstein Bull-Born 6-4-82 - Sire Letters Burkgov Trump
DAM - Sunny - Glo Performer Betty - V.G.-86
6 yr. 8 m. 305d. 23,478m. 730F
8 yr. 1 m. 352d. 22,833 765
10 yr. 5 m. 365d. 34,233 1251F.
Ready for Service

I think it would be well worth your while to spend a few hours in Smoketown Friday Jan. 13 at 12:30 p.m. Looking forward to seeing you in 1984.

Cows milked at regular time.
Cash or good check day of sale.

Sale Managed by
SMOKETOWN QUALITY DAIRY SALES CO., INC.
GORDON & HELEN FRITZ
717-393-0930
Carl Diller/Paul Snyder, Auctioneers
Henry Kettering - Pedigrees
Lunch by Sublette

WANTED - GOOD REGISTERED AND GRADE HERDS OF CATTLE

PUBLIC AUCTION AT GOODS AUCTION

111 N. Maple Ave.
Leola, Pa. 17540
Hay - Straw - Corn
Every Wed. at 12:00 Noon
No Out of State Checks
Good's Auction

GO THE AUCTION WAY

Get The Most Money For Your Clean Furniture - One Piece Or The Entire Household
Pickup Service Available
Weekly Auctions For The Past 12 Years
CALL
FARMERSVILLE AUCTION
Farmersville, PA
717-354-5095
John J. Rutt

PUBLIC SALE

LIVESTOCK — MACHINERY
FRIDAY, JANUARY 20, 1984
At 9:30 A.M.
Located in Centre Co., 4 miles East of Aaronsburg, Pa., on Route 45, turn South on Fiedler Road.

45 HEAD LIVESTOCK

5 HORSES - Team Of 6 Yrs. Old Sorrel Geldings, Half Bro's , 4 Yrs. Old Sorrel Mare In Foal, 8 Yrs. Old Bay Mare, Yearling Filly Bay Colt.

Work Harness For 4 Horses, Some Single Harness, Bridles, Collars, Etc.

40 Head Holsteins - 15 Milk Cows, Some Just fresh, Balance Due Throughout Year, Service Age Stock Bull, And 24 Heifers From 1 Mo. To Breeding Age.

T.B. And Bangs Tested.

DAIRY EQUIPMENT

20 Milk Cans, 3 S.S. Buckets, S.S. Strainer, Wash Vat, 2 Feed Carts, Wheelbarrow, Milk Cart, 180 Gals. Water Trough.

1,000 Bu. Ear Corn - 150 Bu. Oats

HORSE DRAWN MACHINERY

Kloster 45 H.P. Diesel Engine, I.H. 22 In. Threshing Machine, 50 Ft. Endless Belt, M.W. 13 In. Hammermill w/Travel Feed, 2 Tons Feed Mixer, I.H. 6 Roll Husker Shredder, I.H. No. 7 Silo Filler, N.I. No. 206 Manure Spreader A-1, Boom Sprayer w/Fiberglass Tank Like New, Oliver 14 In. 1 And 2 Bottom Plows, Wiard 14 In. Plow, 9 Ft. Harrow, 9 Ft. Cultimulcher, 7 Ft. Disk, I.H. 4 Row Corn Planter, I.H. 8 Ft. Grain Binder, I.H. Corn Binder, 12 Ft. Weeder, 1 Row Cultivator, Case 28 Ft. Grain Elevator, N.H. No. 66 Baler, hochstetler Steel Wheel Wagon w/Brakes And Flat Bed, One Horse Wagon, I.H. Rake, Hay Tedder, I.H. Hay Loader, I.H. No. 9-7 Ft. Mower, 10 x 12 Ft. Chicken Brooder House In Good Cond., Neck Yokes, 2,3,4 and 6 Horse Eveners, Shovels, And Misc. Wagon Items.

TERMS - CASH **LUNCH AT SALE**

MR. & MRS. JACOB HERSHBERGER
R.D. Woodward, Pa.
Mark Glick - Auctioneer
Reedsville, Pa.

PENNSYLVANIA ALL BREED BRED GILT SALE

JAN. 9-10-1984
Farm Show Bldg. Harrisburg, PA
Small Arena
Sale Arena Ph. (717) 787-4160

Berks:
Arlie Cornbower
#1 Box 41
New Freedom, Pa 17349

Chesters:
Charles Griest
#1
Abbottstown,
Pa 17301

Duroc:
Rick Pfautz
#1
Stevens, Pa

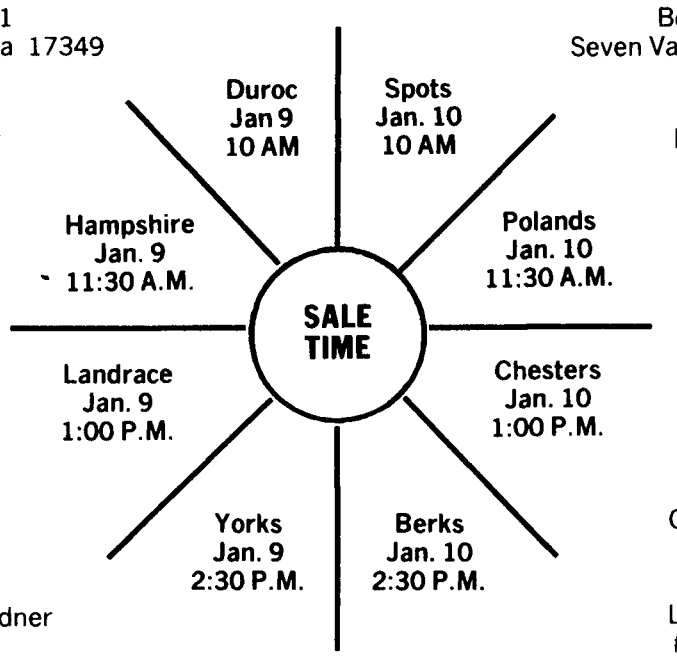
Hamps:
Charles Bomgardner
#3 Box 604
Annville, Pa 17033

Landrace:
John Mummert
Box 152-C
Seven Valleys, Pa 17360

Poland:
Harlan Wessner
#1 Box 247
New Tripoli,
Pa 18066

Spotted:
Clair Hartman
Box 222
Gratz, Pa 17030

Yorks:
Leon Arnold
#7 Box 705
Lebanon, Pa 17042



Auctioneer:
HARRY BACHMAN
138 College Ave , Annville, PA
17003
Tel 717-867-1809

SWINE SHOW
Jan. 7 8:00 A.M.

PA. CO-OP SWINE BREEDERS ASSN.

RARE

PUBLIC SALE

TRACTION STEAM ENGINES, THRESHERS, 100's OF PARTS LITERATURE, ETC.

RUSSELL SAMUEL OSBORN ESTATE

SAT., JANUARY 14, 1984

At 10:00 A.M.

Will be held at the decedent residence, located 7 miles East of Gettysburg or 3 miles West of New Oxford on Route #30 thence turning North onto Swift Run Road ½ mile in Adams County, PA.

ENGINES, BOILERS, ETC.

Nice 1907 Peerless designed and patented by F.F. Landis, Waynesboro, PA, with cap, Geiser MFC; 1 Geiser Double "U" engine; 1 Peerless portable; 1 Harrisburg portable; 2 Frick boilers; 1 Farquhar boiler; 2 Small Peerless boilers; New flues; 100's of parts of all kinds, unable to list.

Sale will be conducted under cover.

TERMS: Cash, No out of state checks, other checks by approval.

ORDER OF SALE: Engines and boilers first at 10:00 A.M. prompt parts immediately thereafter.

PATRICIA J. LIVINGSTON
DARRELL N. LIVINGSTON
Administrators

CLAIR R. SLAYBAUGH, Auctioneer
S.M. RAFFENSPERGER, Esquire

Public Auction Register

Closing Date Monday, 5 00 P M
of each week's publication

SALE EVERY TUESDAY
Graded Sale
1st Tuesday each month
2 P M
Horse Auction
2nd Saturday each month
1 P M.

FAUQUIER LIVESTOCK EXCHANGE
Marshall, Va
703-364-1566

SAT APR 21, 1984 18th Colonial Charolais Spring Sale Located at Frederick Fairgrounds, Frederick, MD Colonial Charolais Association Sponsors Garey Cattle Sales, Inc, 100 Walnut Lane, Morrisville, PA, Managers

FRI APR 20 - 6 30 PM Public Auction of Feeder Cattle and Feeder Pigs Located at Keister's Middleburg Auction Sales, Inc, Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

FRI APR 27 - 6 PM Public Auction of 250-300 Head Heifers, all sizes, Springing, Bred and Open Heifers, some registered

DEALER IN ALL KINDS OF LIVESTOCK

Also Crippled & Down Cattle

MARLIN S. IRWIN
Quarryville, PA
PH: 717-786-3016

MELVIN KOLB INC.

Lancaster, PA — Two Locations — Woodsboro, MD

We have over 500 Head of quality Holstein purebred & grade Fresh & Springing cows on hand.

Both our farms sell dairy and public sales are held monthly. The Lancaster, PA farm sells the 1st Thursday of every month and Woodsboro, MD the 3rd Thursday of every month. Every sale features approximately 150 Head of Purebreds & Grade. 1st and 2nd Calf Heifers & Mature Dairy Cows.

A Purebred Heifer Calf is given away at both sales throughout the year along with a free lunch for all dairy farmers.

We will be happy to talk over dispersal plans with you. We will sell them at our sales arena or on your farm. Please call collect for further details.

NEXT LANCASTER PA. SALE

Thur. Feb. 2, 1984 11:00 A.M.
2220 Dairy Road.
Directions: West of Lancaster on Dairy Road. Take 283 West of Lancaster, exit beyond ABC stud barns at Flory Mill Rd., turn left to Mill and Sharp right under railroad bridge. Barn is within sight of Route 283.
717-569-6800, 569-2106

NEXT WOODSBORO, MD SALE

Thur. Jan. 19, 1984 11:00 A.M.
11342 Cragerstown Road
½ Mile N.W. of Woodsboro along 550
301-898-7720, 898-7663

Located at the Belleville Livestock Market

FRI APR 27 - 1 30 PM Dairy & Heifer Sale Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan, Auctioneers

SAT APR 28 10 AM Public Auction of Horses Located at Keister's Middleburg Auction Sales, Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

SAT APR 28 - 7 00 PM Club Lamb & Shoats Sale Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan, Auctioneers

MAY

FRI MAY 4 - 7 P M Horse Sale at New Holland Sales Stables, Inc 12 miles east of Lancaster off Rt 23 in New Holland, Pa Abe Diffenbach, Manager

FRI. MAY 4 - 7 00 PM Feeder Cattle & Pig Sale Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan, Auctioneers

FRI. MAY 18 - 6.30 PM Public Auction of Feeder Cattle and Feeder Pigs Located at Keister's Middleburg Auction Sales, Inc, Rt 555, 3 mi. east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

FRI MAY 25 - 7 00 PM Dairy Sale Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan, Auctioneers

SAT MAY 26 - 10 A M Grade Heifer Sale at New Holland Sales Stables, Inc 12 miles east of Lancaster off Rt 23 in New Holland, Pa Abe Diffenbach, Manager

SAT MAY 26 11 AM Public Auction of Horses Located at Keister's Middleburg Auction Sales, Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

JUNE

FRI. JUNE 15 - 6 30 PM Public Auction of Feeder Cattle and Feeder Pigs Located at Keister's Middleburg Auction Sales, Inc., Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

FRI JUNE 22 - 7 00 PM Dairy Sale Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan, Auctioneers

SAT JUNE 23 - Colonial World Class Sale 2 Located at Adams Charolais Farm, Springfield, OH Sponsored by Colonial Charolais Association Managed by Garey Cattle Sales, Inc, 100 Walnut Lane, Morrisville, PA 19067

SAT JUNE 23 - 10 A M Registered Heifer Sale at New Holland Sales Stables, Inc 12 miles east of Lancaster off Rt 23 in New Holland, Pa Abe Diffenbach, Manager

SAT JUNE 30 - 11 AM Public Auction of Horses Located at Keister's Middleburg Auction Sales, Inc, Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

JULY

FRI JULY 6 7 P M Horse Sale at New Holland Sales Stables, Inc 12 miles east of Lancaster off Rt 23 in New HollandPa Abe Diffenbach, Manager

FRI JULY 27 7 00 PM Dairy Sale Located at Penns Valley Livestock Auction Centre Hall, PA Scott L Yocum and Ron Gilligan, Auctioneers

AUG

FRI AUG 24 - 7 00 PM Dairy Sale Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan, Auctioneers

SEPT.

FRI SEPT 7 - 7 00 P M Holstein Promotional Sale at New Holland Sales Stables, Inc 12 miles East of Lancaster off Rt 23 in New Holland, PA Abe Diffenbach, Manager

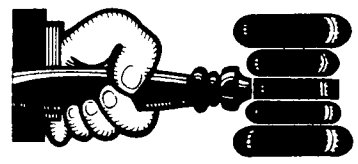
OCT.

SAT OCT 13 - 10 00 A M Annual Fall Heifer Sale at New Holland Sales Stable, Inc 12 miles East of Lancaster off Rt. 23 in New Holland, PA Abe Diffenbach, Manager

WED OCT 31 - 12 Noon Annual Dairy Show and Sale at New Holland Sales Stables, Inc 12 miles East of Lancaster off Rt 23 in New Holland, PA Abe Diffenbach, Manager

NOVEMBER

FRI Nov 9 9 00 A M Public Sale of Farm Equipment at New Holland Sales Stable, Inc Located 12 miles East of Lancaster off Rt 23 in New Holland, PA Abe Diffenbach, Manager



AUCTIONEER'S DIRECTORY

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 4 P.M. Tuesday of each week's publication.

AUCTIONEERS
FRANK & PAUL SNYDER
Livestock Farm Equipment Household Goods Antiques
No sale too small or too large
717-859-2688
717-733-7052

AUCTIONEERS
JOHN E. MARTIN
Ephrata
Penna
717 733 3511
AND
PAUL E. MARTIN
Stevens Penna
717 733-3305
Professional Auction Service

C.H. WOLGEMUTH
RD #2 MANHEIM
PA
AUCTIONEER
Member of
COMPLETE AUCTION SERVICE
CALL
717-665-5664

KLINE & KREIDER AUCTIONEERS
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REAL ESTATE — FARMS & RESIDENTIAL
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FARM STOCK SALES — LIQUIDATIONS
RANDAL V. KLINE
AUCTIONEER REALTOR
717 733 1006
717 569 8701
LLOYD H. KREIDER
AUCTIONEER
717 786 3394

PUBLIC AUCTION
Landis Auction Service
RD 5, MANHEIM, PA. PHONE (717) 665-5735
PROFESSIONAL • LICENSED AUCTIONEERS
J. OMAR LANDIS & J.M. WITMAN
"SPECIALISTS"
- AUTOMOBILES
- ESTATES
- REAL ESTATE
- ANTIQUES - FURNISHINGS
- LIVESTOCK - MACHINERY
- MAILING LIST AVAILABLE

We are now listing Fall Sales.

SANFORD G. LEAMAN AUCTION SERVICE
All Types of Auctions including
Farm and Livestock
101 White Oak Drive
Lancaster, PA 17601
717-569-4264

Kleen Leen Checker™ Boars

The Boar Program That Fits All Pork Producers

GPR Tested Boars

Only 1 out of 3 boars qualifies to become a Checker Boar

140 GPR
points and above — in the top 2% of their class

130 GPR
points and above — in the top 5% of their class

120 GPR
points and above — in the top 9% of their class

110 GPR
points and above — in the top 15% of their class

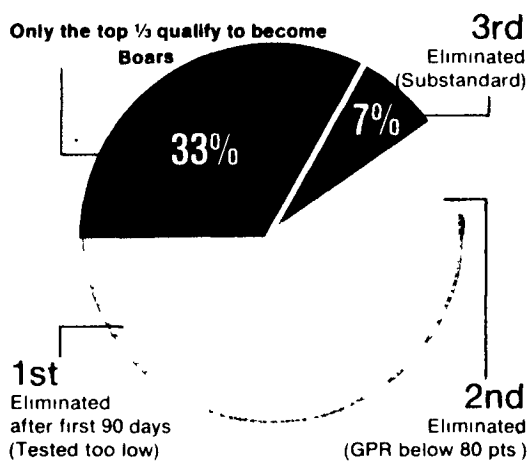
100 GPR
points and above — in the top 21% of their class

90 GPR
points and above — in the top 28% of their class

80 GPR
points and above — in the top 33% of their class

Boar Test Procedures

Top 50% of all boars weaned are placed on test at 10 to 12 weeks of age Boars are taken off test when group average is approximately 210 lbs and are ranked according to growth rate and backfat



Both Crossbred & Purebred

First, take a look at these aggressive Checker Boars

BLACKLINE A Duroc x Hamp cross that s especially recommended for a herd which has already attained a high level of sow productivity (Heavy York and/or Landrace breeding) These aggressive breeders give offspring ability to grow fast and yield good carcasses

WHITELINE A Duroc x York cross that gives extra breeding power when there's a lot of black or red in your herd Particularly suited to providing gilt replacements with fast growth and excellent reproduction

M-LINE A York x Landrace cross that provides replacement gilts with the ability to farrow large litters, milk well and wean larger pigs

HAMPSHIRE Complements red and white breeding by maximizing offspring vigor, reducing backfat, and providing good muscle

DUROC Known for their ability to improve offspring growth rate and feed efficiency

YORK Passes along a maternal ability that can result in larger, stronger litters

LANDRACE A mother breed adapted to confinement that milks well and gives good pig survival

KLEEN LEEN & YOUR LOCAL PURINA DEALERSHIP INVITES YOU TO ATTEND OUR SWINE SEMINAR

"GETTING THE UPPER HAND ON GENETICS"

Wednesday, January 18, 1984
Sheraton Resort Inn
9:00 AM to 3:00 PM - Lunch will be served

Topics To Be Covered:
- Herd Sires
- Sow Herd and Replacement Gilts
- What Type of Hog Are You Producing
- Economics of Different Breeding Programs

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